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1922

What and When to Plant



SPRING and SUMMER

SEASON of NINETEEN TWENTY-TWO

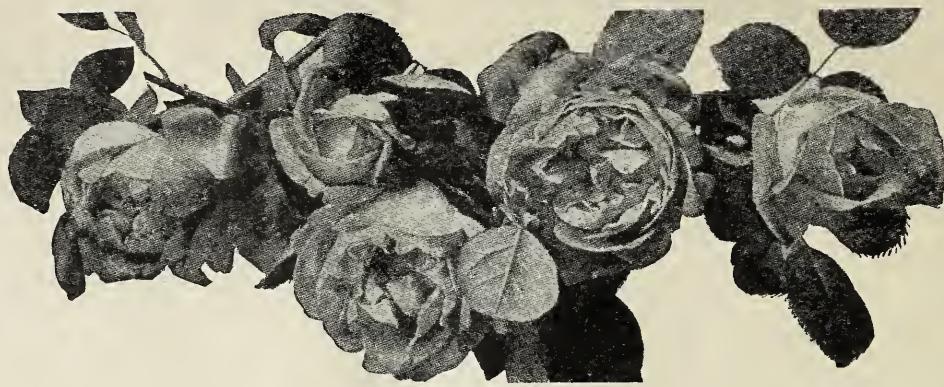
HI PRESENTING "What and When to Plant" for the coming season, we invite your attention to the list of novelties now offered for the first time. In past years the introduction of new types, depended more or less upon importations, but with all confidence in California's ability to accomplish what others were doing, we decided to enter into the competitive field, attaining such marked results as to achieve first recognition in international exhibitions abroad. It is gratifying to our patronage and ourselves to know that our efforts and success along this line have created a number of highly meritorious varieties, which are being catalogued today as standard productions. Our list of seeds and plants comprises those sorts which in our opinion will produce the most satisfactory results; too many varieties are neither desirable nor practical. The ultimate beauty of your garden is not the result of indiscriminate planting; too much is often worse than too little. An intelligent plan of operation, with a definite objective is of the first importance if you would have your expectations realized. Our experience, advice and co-operation is at your command.

Now is the Time to Plant

Howard & Smith

Olive Street at Ninth

Los Angeles, California



FOREWORD

EHERE is nothing which promotes more interest or furnishes greater delight in the art of gardening than Nature's expression of new forms or new colors in plants and flowers. At this time with the art of hybridization reduced to a point wherein it is nearly a mathematical science, it is possible by a careful application of the laws pertaining thereto, to add many new types and colors to our list of garden plants.

During the past 25 years, we have assiduously devoted our attention to this line of work and believe we may say without egotism that our efforts have not been in vain. The results we have obtained in the cross breeding of roses and various perennial and annual plants, has been fraught with much success and it has enabled us to present our customers and friends with something new and something different to grace their gardens.

The work which we have done has received international recognition and many of our novelties may now be found distributed throughout the world. We were fortunate in winning the International Gold Medal at the Bagatelle Gardens, Paris, France, with our new rose Miss Lolita Armour, in the year 1921. We also won the Capital Prize in the same International trials with Los Angeles in 1918. This much sought for trophy has only been won by American firms on three occasions and in the two instances above noted, it was awarded to us.

Aside from the matter of our own efforts in the cross breeding of plants and their dissemination, we have made it a point to also gather together the best that is offered as a result of the work of others.

For the Home and Garden



A Review of Our Novelty Offerings for the Present Season

Among the meritorious things to which we would direct your attention as novelties of outstanding worth and merit, we would first of all mention our new roses, Miss Lolita Armour, Climbing H. V. Machin and Wm. F. Dreer, reference to which will be made in foregoing pages. Constance and Golden Emblem, although not strictly novelties, are additions to our collection of outstanding worth and merit. We feel quite certain that all who try them will be more than pleased with the results obtained.

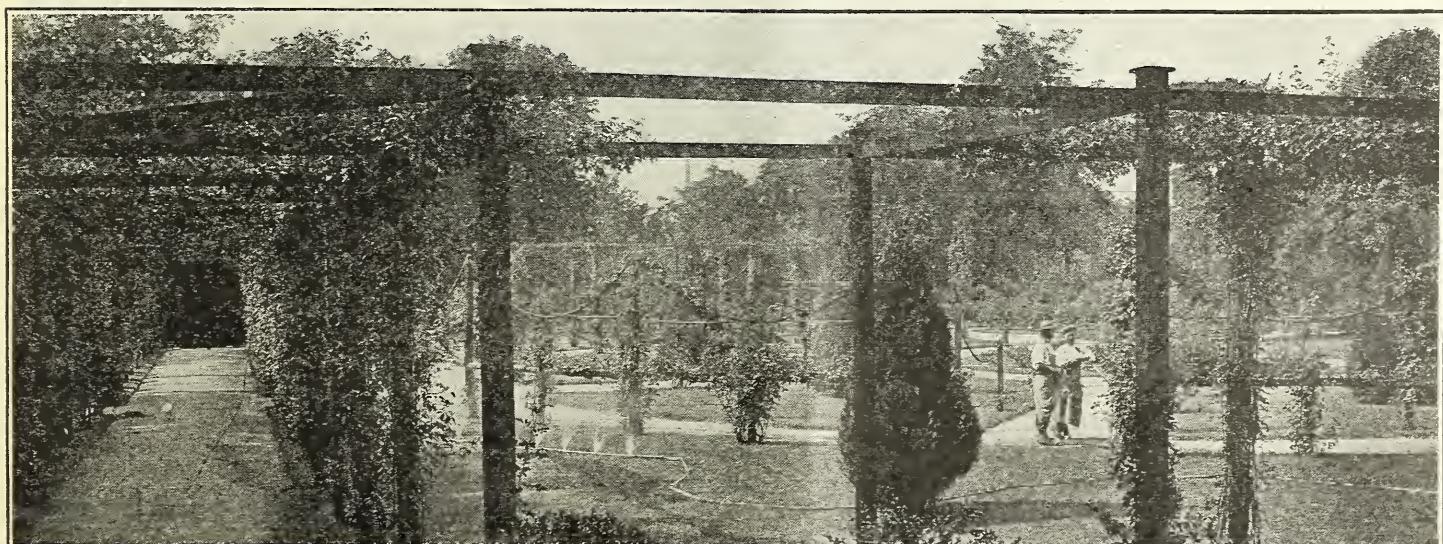
The new Hydrangea Trophee is a marked advance in this class of plants and easily one of the most exquisite of the list of hardy shrubs ever introduced. It is the result of the work of Mr. Victor Lemoine, of Nancy, France. It is an advance by way of color over all Hydrangeas introduced to date, and it is going to prove a magnificent thing, either as a pot plant or for growing in the open garden. Full description of it will be found in another portion of this bulletin.

At our trial grounds at Rivera, during the past season, there were few subjects which attracted more attention from visitors than our strains of Celosias and we know of nothing in the whole category of annual plants, which will make a brighter display at small cost, than these Celosias. We have been work-

ing on this strain for over 10 years, until today they have well nigh reached perfection. We would call our customer's attention to their adaptability as summer bedding plants, sown in gentle heat during March or April and planted out in any good rich soil in a sunny portion of the garden they will begin to blossom about July and continue until the advent of winter frosts, making a glorious show of color in all shades of carmine, crimson, golden yellow, etc.

As an addition to our collection of Dahlias, our novelty Polar Bear is easily one of the finest decorative Dahlias ever introduced. It is enormous in size, pure white in tone, has splendid stems and its adaptability either for garden ornamentation or as a cut flower, we feel quite certain, will place it in the front rank of all Dahlias of this particular class.

Our new Giant California Aster, which we introduced in the season of 1920, have been greatly improved during the past two seasons until today if we may judge from reports received, not only from amateur but professional growers, they are head and shoulders over anything in the Aster line grown at the present time. Numerous voluntary reports from customers all over the United States more than fully verify the statement above made.



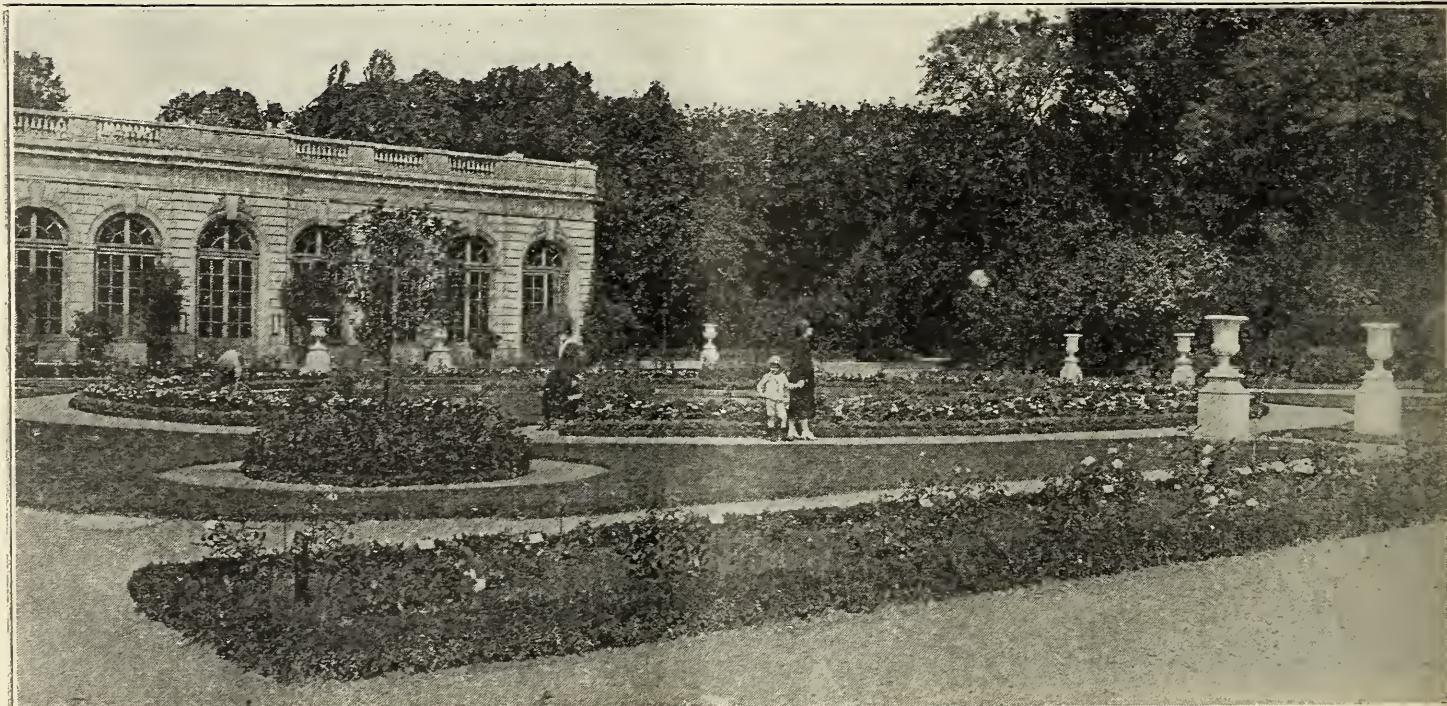
A general view of the pergola in the Bagatelle Gardens, Paris, France, showing effective planting of the finest climbing and pillar roses



Our Gold Medal exhibit of Dahlias at the International Exposition, San Diego, California

We call attention to our new Bi-generic hybrid, Amaryllis Belladonna, crossed with the pollen of Crinum Moorei. It is a well-known fact that true bi-generic hybrids are few and far between and this variety which we are offering for the first time is certainly one of the most remarkable plants ever offered. It is not only beautiful as a plant for garden ornamentation, but also fine as a cut flower. The seed parent of this new hybrid was the well-known form of Amaryllis Belladonna, a species which is more or less deciduous in its nature. It usually blooms during the months of August and September, but prior to the time of blooming the foliage dies to the ground. By fertilizing some emasculated blossoms of this species with the pollen of Crinum Moorei, we have succeeded in obtaining a plant which

is quite distinct to either of the parent forms. Although the seed was saved from Amaryllis Belladonna, the plants are not in any sense deciduous in their character of growth. They are absolutely evergreen, more after the style of Crinum Moorei, with long strap-like leaves, dark green in color, producing stems three to four feet in height, surmounted with from 10 to 15 blossoms. The blooms are closely alike in color to Amaryllis Belladonna Minor, a beautiful soft pink with a white throat, but equivalent in size to Amaryllis Belladonna Major. The trusses of bloom are borne erect on stout, rigid stems, and will be found of great value for cut flowers and decorative work of all kinds. This plant will not prove hardy in cold sections of the country, but is amenable to pot culture.



The Chateau in the Bagatelle Gardens with the beds devoted to recent entries in the competitive international trials

In the year 1919, one of the members of our firm secured in England a strain of new Dahlias, the Anemone flowered class, which mark one of the greatest mutations ever known in these plants. We are presenting them to you this year for your consideration, with every assurance that they are going to please. A notable thing about these Dahlias is their dwarf habit and the splendid range of colors which they possess. As an adjunct to the garden, for a show of color or for their delicacy of character, used as cut flowers in baskets, vases, etc., they are without a peer.

A few years ago some of the leading French hybridists began crossings on the well-known form of Iris Pallida, a tall growing variety with large pale blue flowers, a sort wherein the plants often attain a height of 4 ft. or over. With the use of this particular stock as a seed parent and its inoculation with the pollen of some of the dwarfer types, an entirely new class of Irises has been evolved. The seedlings resultant from these crosses are of superlative beauty, the flowers are of immense size and the plants retain the giant character of the parent mother plant. These Irises in our opinion will undoubtedly prove one of the greatest additions by way of hybrids ever known to modern horticulture. A remarkable thing about them is the fact that there is not a State in the Union cold or hot, where they will not thrive if given ordinary attention and in each succeeding Spring will reward the grower with a magnificent display of their glorious and orchid-like blossoms. We have at the

present time, although not yet ready for distribution, some 15 or 20 additional varieties to those which you will find listed in this bulletin. They comprise some remarkable new colors.

Among the various selections of seeds which are offered for your consideration in this bulletin, we would call special attention to our fine strain of Zinnias. The colors are distinct and beautiful. Our selection in the shades of orange, scarlet, sulphur yellow and pink shades, we believe are unexcelled. In the large cultures of seeds at our Rivera farms during the past season, few things attracted more attention than the great breadth of color to be noted in this class of choice florist flower seeds. The blossoms are quite double, very few if any producing cone centered flowers. The colors are remarkably bright and fresh. It has been clearly demonstrated that Zinnias, owing to the ease in which they can be grown and the fact that they are strictly a hot weather plant, withstanding the greatest extremes of temperature in this respect, are bound to become a popular subject for cut flowers and garden decoration. In localities where the summer sun destroys most other flowers, Zinnias thrive and bloom.

References made above comprise but a few of the specialties and novelties contained in this bulletin, although they are among the more important ones. A careful perusal of the following pages will disclose many other new, choice plants and seeds which lack of space prevents us to enumerate here.

FLORAL DEPARTMENT



E WOULD again invite your attention to the exceptional service at your command afforded by our floral department. Supplementing daily the choicest cut flowers obtainable in the local markets by a wealth of seasonable bloom from our own nurseries assures our patronage that feeling of gratification which we endeavor on every occasion to effect and which is an important factor in the constantly enlarging volume of this feature of our business.

Our service includes immediate delivery to any portion of the city as well as parcel post or express shipments to adjacent communities and Floral Telegraph Delivery service to any part of the Continent.

"Say it with Flowers"

RÉPUBLIQUE FRANÇAISE
VILLE DE PARIS



Le Jury du Concours des Roses Nouvelles de Bagatelle
estime que la Rose "Los Angelos"
issue de M^{me} Segond Weber et de Lyon Rose
constitue une variété nouvelle digne d'être signalée

Et il a décidé de délivrer à titre de récompense ce Certificat
à Messieurs Howard et Smith à Los Angeles U.S.A.
qui l'a présentée au Concours des Années 1917-1918 et a obtenu
la médaille d'or.

Paris, le 15 Juin 1918

Le Président du Jury

Le Conservateur

Januszka

39

Le Directeur Administratif
des Services d'Architecture
et des Promenades et Plantations

a Devilly

Grouard

Approuvé

LE PRÉFET DE LA SEINE

Autrand

Howard Smith

THE ROSE

Our Leading Specialty

We have long made the Rose our leading specialty, and have for years devoted an immense amount of energy, time and money in developing the best methods for the production of fine plants, as well as testing out the various novelties which appear year after year, both in Europe and in America. In addition to this we have carried on extensive experimental work in the production of new hybrids of our own. The result of this work has been that our Roses have become famous not only in America but throughout the world. The concrete example of the results we have obtained in the production of new varieties through the means of scientific hybridization is well exemplified in our magnificent novelties, "Los Angeles," Mrs. S. K. Rindge and Miss Lolita Armour.

These Roses through their own intrinsic worth, have received recognition in all parts of the world. Two of them were awarded the premier gold medal at Paris, the highest honor it is possible to obtain for a new Rose. These are three of many of our new seedlings; others are offered you in this bulletin and still others will follow later, all of which will be found of equivalent quality, though different in their characteristics by way of color, form, etc.

One important feature of the roses which we send out is the fact that they are all heavy two-year-old stock. They are worked low and have the vigor which can only be imparted by the vigorous growing stock upon which they are budded. You will find that they will give you a larger and heavier production of blooms than any own root rose possibly could. In regard to the list of varieties which we submit would state that while it is not a long one, it is comprised of varieties which, after careful tests, we have found to be the best in their respective colors and general characteristics. The plants in themselves are such as will give you results and with the recurrence of each season an increased wealth of bloom.

Four Magnificent New Roses

AMERICAN BRED BY AMERICAN GROWERS FOR AMERICAN GARDENS

MISS LOLITA ARMOUR

We believe it to be one of the greatest breaks by way of color ever known in Roses. There is nothing we know of in cultivation like it. Regardless of color, we doubt if there are any more beautiful. The color is difficult of description, but may be briefly described as follows: Chrome yellow at the base, shading to burnt orange and copper. The reflex of the petals is chrome yellow at the base, shading to bright salmon with brilliant copper suffusion. The flower is quite double, the bud similar in shape to those noted in the variety Caroline Testout. As the flowers of this variety age they turn to a delightful shade of shrimp pink and copper. The flowers are more or less cup shaped and display to splendid advantage the colors noted above. We have tested this variety under all conditions. From a few sample plants sent to the East the reports have been, to say the least, glowing in their terms of praise. We have only a very few plants to disseminate this year. Each \$2.50.

MRS. S. K. RINDGE

One of our new hybrid Roses, and one which we believe will fill a long felt want by way of a good yellow Rose. The flowers are a magnificent deep golden yellow without any tints of copper, the only shade to be noted is in the buds where the outside petals are stained with Cadmium red. The bud is long and pointed and expands into a flower of immense size. As the petals age they become suffused with soft pink and create a rather curious effect, as on the same plant may be seen the bud with its deep rich yellow tones, the effect being that of a plant producing bi-colored Roses. A characteristic of most yellow Roses is the fact that as the flowers age the petals become white and faded or almost colorless, whereas in this variety the blooms take on an added charm. Some plants which were tested by one of our customers attained in one season a growth of over five feet in height. The foliage is large and leathery, with a beautiful glossy texture. This Rose will prove hardy in the East and does splendidly in California. Each \$2.50.

WM. F. DREER

This superb new variety is one of our own origination. Its parentage is the same as Los Angeles. In general habit of growth, form of bud and foliage, it is a replica of the above variety, differing however in two points, the first being that it is even a stronger grower than Los Angeles, and is quite distinct in color. The buds are long, pointed, rich in tones of pink and orange. As the flower develops, particularly in the half-open bud, the center shows shades of rich orange, merging to yellow with the edges of the petals beautifully rimmed with pink. It has received numerous first prizes, both in this country and abroad. During the season of 1921 at the great Scotch Horticultural Show, held in Edinburgh, it was awarded the gold medal, the highest honor obtainable. We feel quite certain that any of our customers planting this rose will be more than pleased, not only with its splendid production of bloom, but its unusual and beautiful color. A splendid variety for cut flowers, as the blooms last indefinitely. Each \$2.50.

CL. H. V. MACHIN

A true climbing form of the bush type of H. V. Machin. We are offering this superb novelty for the first time this season. It occurred as a sport from the bush form in our trial grounds three years ago. We have watched it closely in the meantime and have come to the conclusion that it will prove one of the most magnificent of all red climbing roses. The color is a rich scarlet crimson, the same as that noted in the bush form. In form of bud and open flower, it is an exact replica of its prototype. The flowers are borne in great abundance and literally cover the plant, especially the second year after being set out. It is one of those high colored reds which does not blue with age, retaining its distinctive and beautiful color until the last petal drops. A variety which we can thoroughly recommend to all our customers. Each \$1.50.



A HALF OPEN BLOOM OF OUR NEW ROSE "LOLITA ARMOUR"
One of the coming Garden Roses, a rival of "Los Angeles" and an entirely new shade of color.



MRS. S. K. RINDGE
A grand novelty in Yellow Roses and one which we feel quite certain will more than please the most exacting.

Howard Smith

A Superb Collection of the Newer Roses

Admiral Ward A very vigorous grower. Spherical blackish red bud. Large full flower with petals of enormous breadth. The fully expanded flower is crimson red in color with shadings of fiery red. Extra choice. Each \$1.00.

Constance In our opinion this is easily one of the finest roses of recent introduction. It is not only free flowering, but possesses splendid foliage and an ideal habit. In color it is unique, being an exquisite shade of orange yellow with the exterior of the petals more or less stained and penciled with crimson, and as the flowers expand, it turns to deep orange. Buds long and pointed, particularly valuable for cut flower purposes. Each \$1.00.

Edgar M. Burnett Extra large flowers of fine shape and form. Petals of immense size, color flesh tinted with rose. An exceedingly sweet scented variety and unexcelled for bedding purposes. Each \$1.00.

H. V. Machin We have had this variety under trial for some seasons and can recommend it as being one of the most beautiful of all red roses grown. In growth it is similar to American Beauty, but unlike the last named variety is a perpetual bloomer. The color is a rich scarlet crimson. The buds are long and pointed. The flowers are carried on rigid stems of erect growth. The foliage is ideal. In our opinion, one of the finest red roses introduced to date. Each \$1.00.

Gorgeous Strictly speaking, this is not a new Rose, but it is so exceedingly choice that we have included it in this list as one of the best. The plant is of strong, vigorous branching growth, with handsome dark olive green foliage. The flowers are large and full and are produced in endless profusion on stiff, erect stems. Color, deep orange yellow, heavily veined and shaded with reddish copper. A unique and beautiful color combination. Each \$1.00.

"LOS ANGELES"—QUEEN OF ROSES

This superb Rose, which we introduced some five years ago, has made a record for itself in all parts of the world. We have seen it growing in various parts of America and foreign countries as well, and we believe we can say without egotism that it is a rose that has come to stay. It has received recognition from Rose societies in all parts of the world. It won the gold medal at the International trials at Paris, and we doubt if any Rose was ever introduced for which the demand has been so heavy, this being due to its generally recognized high-class qualities. It possesses a color absolutely new in Roses—luminous flame pink, toned with coral and shading to translucent gold at the base of the petals. The buds are long, expanding to a flower of mammoth proportions. It is beautiful from the opening bud until the last petals drop. It is a Rose which will furnish you, from a plant grown in your own garden, better flowers than can be produced from the finest of underglass grown stock.

During the past season we grew an immense quantity of plants, thinking we would have an abundance for future delivery, but even with the large quantity which we grew, several thousand plants, we doubt if we will have enough to see us through the coming Spring season. A remarkable feature of this Rose is the fact that it can be grown in all climates. It does well in a temperate climate such as California; it withstands the harsh conditions of cold, etc., in the eastern portions of the country. It is a Rose that everybody can grow. It is a Rose which should be included in every collection. Our plants this season are finer than ever. Each \$1.50.

Edith Part A handsome bi-colored Rose, the exterior of the petals being a rich rosy red, the interior suffused with salmon on a pink ground, the base of the petals shading to yellow. The buds are long and pointed, expanding into a large perfect flower. A good grower, free bloomer and very sweetly scented. Each \$1.00.

Golden Emblem In color deep rich golden yellow, the opening buds more or less stained with carmine on the exterior of the petals. This rose is about the same shade of color as Rayon d'Or, but will surplant the latter variety entirely as it possesses none of its faults. Instead of being of spreading habit, the growth is upright and the stems are furnished with an abundance of bright glossy green foliage. A truly magnificent rose. Each \$2.50.

Hoosier Beauty In our opinion, one of the finest red hybrid tea Roses in existence. A rose of American origin and one which easily outdistances any other red on the market. Flowers are of superb form, not unlike a perfect sunburst in shape. They are beautiful either in bud or in fully expanded bloom. The tone of color is one of those rich dark velvety reds, not unlike the color to be noted in the old variety "Black Prince." It is freer in growth than McArthur, with a color which far surpasses the latter variety. Each \$1.00.

Lucien Chaure A superb new Rose of a dainty flesh color shaded with rosy cream. The flowers are exceedingly large, of refined form and exceedingly free blooming. The tints of color in this Rose are exceedingly soft and beautiful. Each \$1.00.

Leonie Lambert This is a new Rose which has come to stay. In color a beautiful silvery rose shaded rosy flesh. The flowers are large and well formed. Good in either bud or open flower. A remarkable feature of this Rose is its splendid foliage, which seems to follow the stems right up to the flower. There are few Roses in existence which have better foliage, the plants when in growth being so dense as to completely hide the stems. Mildew proof. Highly recommended. Each \$1.00.

Mad. A. Riccardo A very free blooming and exquisitely colored Rose. Chrome yellow at the base, shading to citron yellow and canary. Flowers large and full, of handsome cup form. Exceedingly free blooming. Each \$1.00.

Madam Edmond Rostand A wonderful combination of colors is to be noted in this Rose. The exterior of the petals are a delicate shade of flesh and salmon, while the center is a reddish orange yellow. The flowers are large, globular in form and quite double. Buds long and pointed. Each \$1.00.

Mrs. Franklin Dennison The color of this variety is very difficult to describe, the base of the petals being a rich chrome yellow, merging to a light silvery pink. The buds and open flowers are of enormous size. It is quite double and delightfully fragrant. A superb sort. Each \$1.00.

Totote Gélos A strong vigorous grower with erect branching stems, handsome dark green foliage surmounted by long buds and large open flowers. Color blush white and deep creamy yellow at the base. An exquisite variety. Each \$1.00.



H. V. MACHIN

The reddest of all red Roses, a Rose that should be included in every collection. Has splendid foliage with bud and open bloom of ideal form and texture, delightfully fragrant.

Rose Marie Amongst the various Roses which we have had under trial there are few more meritorious than this magnificent American novelty. The buds are long and pointed, the petals large and well rounded, and the open bloom ideal as to form. One of the finest Roses we know of for cut flower purposes. The color is a delightful shade of pure rose pink. Highly recommended. Each \$1.50.

Red Radiance A counterpart of the original pink variety save color which is a delightful shade of rich rosy red. In regard to this variety, would state that there have been many sports of Radiance, but this variety which originated in Washington, D. C., is by all odds the best of the lot. It is at least three of four shades darker than the Red Radiance distributed some seasons ago. We have discarded all other forms of this particular variety and can unhesitatingly recommend it to our customers as one of the finest of recently introduced roses. It is delightfully fragrant with long pointed buds and well expanded open flowers. It has splendid foliage and is entirely mildew proof. Each \$1.00.

General Collection of Choice Standard Varieties

American Beauty Deep rosy crimson in color. Very fragrant. A well known variety. Especially adapted for growing in sections of the country where temperatures are high during Summer. Quite hardy in all localities. Each 75c.

Anna de Diesbach A hybrid perpetual rose in growth, foliage and stem quite similar to the old variety Mrs. John Laing. It produces splendid buds and blossoms with stiff upright stems, the blossoms usually being borne solitary at the tops of the canes. It is a very hardy variety and suitable for planting in cold sections of the country. Each 75c.

Antoine Rivoire A magnificent bi-color rose. Rosy flesh on a yellow ground. A unique color combination. Each 75c.

Arthur Goodwin A superb rose of the Pernetiana class. In color rich orange with tinting of salmon. A unique and beautiful color. Each 75c.

Augusta Victoria Creamy white in color. Grand in form, free in growth. Splendid variety for cutting purposes. Each 75c.

Beaute de Lyon A very vigorous growing variety of the Pernetiana class. Color quite new in roses. Copper with rosy shrimp pink shadings. Each 75c.

Betty A superb rose with blooms of the most exquisite color imaginable. Copper rose shaded golden yellow at the base. Buds long and pointed. A vigorous grower. Each 75c.

Caroline Testout Color of bloom soft satiny pink, large and full. Constant and free blooming variety. Still one of the best of its color, although introduced as long ago as 1890. Exceedingly fragrant and should be in every good collection. Each 75c.

Cecil Brunner The most beautiful of all Polyantha or baby roses. Color bright salmon pink. Each 75c.

Columbia A rose which is popular with all cut flower buyers throughout America. In color a delightful shade of rose pink. In outdoor planting the bushes attain a moderate height and blossom freely through a long season. Each \$1.00.

Dean Hole Silvery pink shaded salmon. Long and pointed buds of refined form and finish. A variety of great excellence. Each 75c.

Duchess of Wellington Intense saffron yellow, stained crimson. As the flower ages it becomes a deep saffron yellow. Blooms fairly full, buds long and pointed, very free flowering. Exceedingly fragrant. Each 75c.

Edward Mawley A splendid hybrid tea rose with immense buds and mammoth fully developed flowers. Color rich dark velvety crimson. In our opinion one of the best red roses grown. Each 75c.

Florence Pemberton Silvery pink on white ground. A rose remarkable for its large size and handsomely formed blooms. Exceedingly free growing. Each 75c.

Fireflame. An exquisite single rose that should be in every garden. Color a deep madder orange, splashed with crimson. Deliciously and strongly perfumed. Vigorous grower and a constant bloomer. Each 75c.

Paul's Scarlet Climber One of the most sensational novelties in climbing Roses ever introduced. It is a climber with splendid foliage and glorious vivid scarlet flowers. These are borne in wonderful profusion. A plant in bloom arrests the attention at once. Although only introduced a few years ago from England, it has already taken a high position amongst hardy climbing Roses. For pergola effects or pillars this Rose is absolutely unexcelled. There is no variety with which we are acquainted that can equal it. This Rose will stand exceptionally low temperatures without any danger of freezing. No Rose garden, large or small, should be considered complete without a plant or two of this superb sort. We cannot do otherwise than give it the highest recommendation possible. It has already proved its worth. Each \$1.00.

General McArthur Bright crimson. This is considered one of the best of all red roses for bedding purposes. Not subject to mildew. Blooms continuously over a long period. Each 75c.

Geo. Arends A replica of Druschski in a wonderful shade of pure silvery pink. Splendid for cut flower purposes. One of the finest roses of its color. Each 75c.

Gloire de Chedane Guinoisseau A bright vermillion red with velvety crimson shading. Flowers very large and full, perfectly formed. Extra fine. Each 75c.

Grange Colombe A remarkably vigorous growing hybrid tea rose with enormous long pointed buds. Color white tinted with creamy yellow. Each 75c.

Gruss An Teplitz The most profuse blooming velvety crimson rose in existence, besides which it possesses an admirable constitution, a point lacking in many red roses. Has good, clean foliage and throws strong upright canes. A grand garden rose. Each 75c.

Jonkheer J. L. Mock A rose of giant size. Enormous deep rose colored blooms surmounting strong vigorous canes. Each 75c.

Jos. Hill Pink shaded with salmon. Exterior of the petals coppery pink. Superb in either bud or open flower. A really magnificent rose. Each 75c.

Juliet One of the most sensational roses ever introduced. A fine combination of orange, scarlet, salmon, etc. Each 75c.

Killarney A vigorous hybrid tea rose with so many good points in its favor that it has become a standard variety. Long pointed buds of excellent substance. Color blush pink suffused with pale pink. Each 75c.

Killarney Brilliant A highly improved form of the Killarney rose. The color is an intense shade of rosy carmine, buds long and pointed. Flowers much more double than the type. Very free blooming and a good grower. Each \$1.00.

Lady Alice Stanley A rose of beautiful form, exquisite color and delightfully fragrant, medium as to height and growth, but blossoming without interruption from early spring to late autumn. Color soft coral rose. Should be in every good collection. Each 75c.

Lady Hillingdon Deep apricot yellow. Long pointed buds. Produces enormous quantities of flowers, with buds of especially fine shape. Well adapted for cut flowers. Each 75c.

Lady Ursula Flesh pink. Possesses a delicate tea perfume. A rampant grower. Always in bloom. Each 75c.

Laurent Carle A comparatively recent introduction of French origin. In color bright red. Very free blooming. Mildew proof. Extra fine for bedding. Each 75c.

Mad. Abel Chatenay Produces a mass of salmon pink blooms with buds of ideal form. Is especially useful as a Winter bloomer, useful for cutting as it lasts for a long time. A universal favorite. Each 75c.

Mrs. Aaron Ward Deep rich Indian yellow toned with salmon. It is a constant bloomer with buds and open blooms of most refined form. A favorite everywhere. Each 75c.

Mrs. Arthur Coxhead Deep rosy red. Petals of remarkable breadth and substance. Large and full with long pointed buds. Each 75c.

Mrs. Chas. Russell Although generally regarded as one of the leading varieties for greenhouse culture, this rose is a splendid value for out-door bedding purposes. During the past season we have cut blossoms from our field-grown plants equal or superior to the best of those grown under glass. Stems are long, after the style of American Beauty, are clothed with heavy foliage and surmounted by flowers of magnificent size and substance. Color is a rich rosy carmine, with a tone of rosy scarlet in the center of the opening bud. Extra fine. Each \$1.00.



MRS. AARON WARD

Mrs. A. R. Waddell A lovely new color in roses. Deep reddish apricot toned with salmon. A vigorous grower, constant bloomer, and incidentally, a wonderful advance in roses by way of color. Each 75c.

Mrs. T. Hillas A splendid free blooming and strong growing yellow rose. Interior of bloom deep rich yellow, outer portion of the petals creamy white. Buds long and pointed, with open flowers quite double. Each 75c.

Mrs. Wakefield Christy Miller A pink rose somewhat the style of Caroline Testout but a much deeper shade of pink. A curious feature of this rose is the crinkly and wavy outline of the edge of the petals. Each 75c.

Mrs. John Laing An old standard hybrid perpetual. One of the most deliciously fragrant roses in existence. A few flowers of this will scent a whole room. Color soft pink. Each 75c.

Mad. Edward Herriott Fine coral red shaded with yellow at the base. Open blooms are medium in size. Each 75c.

Mad. Leon Pain Light silvery pink shaded with salmon. Growth exceedingly vigorous and produces lavish quantities of flowers throughout the entire season. We consider it an indispensable variety to any collection of roses. Each 75c.

Mad. Melaine Soupert One of the most highly prized points in a rose is a long pointed bud. We believe it would be difficult to find one which is better than this particular variety. Remarkable also for its lovely color, which is a deep yellow toned with salmon. When fully expanded it loses the deeper bud tints and becomes quite light. Each 75c.

Mad. Segond Weber Magnificent light rosy salmon. Buds long and pointed expanding to flowers of immense size. In this particular color there is nothing to equal it. Each 75c.

Mary, Countess of Ilchester Large crimson, carmine flowers Petals exceedingly broad, circular in outline. Extra good. Each 75c.

Milady A crimson scarlet rose, which is popular in many sections and for which there is a considerable demand. Our own opinion of it, however, is that it has no place among such varieties as Hoosier Beauty and Hadley. We see little use of growing a rose which is inferior in quality to other good varieties, already on the market. Our opinion is based on its behavior as a bedding or garden rose. We only grow it because it is demanded in certain localities. Each 75c.

Paul Neyron Although we grow very few of the hybrid perpetual roses because of their non-free flowering character, we have retained this one on account of its superlative good qualities. It is freer in blooming than most of the hybrid perennials and is unquestionably the largest of all roses grown today. Flowers quite double, well formed, beautiful in the opening bud or fully expanded flower. Color dark rich rose. Each 75c.

Pink Maman Cochet Long pointed buds. Pure rich pink in color. A vigorous grower. One of the best varieties of this shade. Each 75c.

Pharisaer In color a magnificent shade of salmon pink. Ideal as a bud or open blossom, in addition to which it possesses a delicious odor. Each 75c.

Premier A new forcing or under-glass rose, which is equally good for out-door culture. The blossoms are produced on strong rigid canes after the style of American Beauty. Has beautiful foliage, buds and open flowers. Pure rose pink in color. Each \$1.00.

Prince de Bulgarie Very large flowers with excellent shaped buds. Color silvery rose blush. Each 75c.

Queen of Fragrance Rich silvery pink. Produces an endless quantity of bloom from early spring to late autumn. It possesses that one requisite which all good roses should have—a delightful odor. It is easily one of the most fragrant of all roses. Each \$1.00.

Radiance A rose of American origin and to our minds one of the best varieties in cultivation today. Buds long and pointed expanding to blooms of enormous size. Similar in shape to Caroline Testout but in color deep rich rose pink. Each 75c.

Reine Carola de Saxe A free blooming variety with perfectly formed flowers of large size. Color a soft silvery rose on a dark rosy salmon ground. Very fine for massing and cutting. Each 75c.

White American Beauty Snowy white flowers of immense size. A fine bloomer and vigorous grower. This is unquestionably the largest and freest blooming of any white rose grown. Each 75c.

White Maman Cochet An exact replica of the pink with the exception of color, which is pure creamy white with tinting of pink. Each 75c.

Winnie Davis One of the freest blooming of all pink roses. In tone a delightful shade of salmon pink. Buds long and pointed. Flowers large and fairly full. A splendid garden rose. Each 75c.

Ulrich Brunner Rich cherry crimson. Flowers very large produced on long almost thornless canes. Far superior in quality to American Beauty. Succeeds outside where American Beauty will fail. Particularly fine for early Spring and late Fall. Each 75c.



H-S

Climbing Pink
Cochet

A Splendid Assortment of Climbing Roses

Cl. Cecil Brunner A sport from the well-known Cecil Brunner, identical by way of color but with a tremendously vigorous climbing habit. Each \$1.00.

Cl. Augusta Victoria Without doubt the finest large flowered white climbing rose grown. Although a climbing rose, it is largely available for cutting purposes, as the flowers are carried on fine long stems. Each 75c.

Cl. Papa Gontier The buds of the same elegant pointed form and color as that to be noted on its parent or bush form. Color rosy crimson. One of the best climbing roses of this shade. Each \$1.00.

Cl. Lady Ashtown Superb deep silvery pink, a shade or two darker than Mad. Caroline Testout. Unquestionably one of the grandest pink climbers in existence. Although a climbing rose, buds are borne on long stems, making it valuable as a cut flower. Each \$1.00.

Cl. Liberty A comparatively recent introduction. Bears large quantities of magnificent rich crimson buds which expand into wonderful, highly colored open flowers. Each \$1.00.

Cl. Mad. Caroline Testout A climbing form of Mad. Caroline Testout, with the same silvery pink color to be noted in the mother plant. Remarkably free in bloom, the plants being smothered with perfect buds and open flowers. Each \$1.00.

Cl. Pink Maman Cochet One of our own introductions. The individual buds and flowers are much larger than those of the dwarf bush and are produced in far greater profusion. An addition to pink climbing roses which is worth while, and bound to find its way into every garden where roses are appreciated and grown for their fragrance and beauty. Each \$1.00.

Excelsa A new climbing rose of the Rambler type. Bears large clusters of semi-double scarlet crimson blooms. Very fine. Each 75c.

Duchess de Auerstadt A scarce and little known climbing rose with large globular blooms. Deep rich yellow in color. Each \$1.00.

Francoise Crousse This rose fills a long-felt want in high-colored climbers. Color is rich crimson red, blooms very velvety in texture and produced in great profusion. Each 75c.

Reine Marie Henriette One of the best of the old-fashioned climbing roses. The flowers are very large, bright cherry red in color and abundantly produced. Each 75c.

Cl. Reve d'Or One of the old-fashioned noisette roses. Not unlike the old-fashioned variety Lamarque, but different in color, the last being a lovely shade of tawny orange and apricot, very free blooming, producing large clusters of flowers throughout the whole season. Has extra good foliage. Each \$1.00.

Silver Moon Different from all other roses. Flowers very large, single, four and a half inches in diameter. Pure white in color. Petals of great substance, beautifully cupped. The large bunch of yellow stamens in the center adds to its attractiveness. The flowers are borne on long stems 12 to 18 inches long and are delicately perfumed. The plant is a strong grower, with large, glossy, green foliage. Each 75c.

Thousand Beauties Entirely distinct, not only in Ramblers but in climbing roses generally. The individual flowers are very large for this type of rose. In color it is a most delicate shade of soft pink when first opening, changing to carmine on the reverse of the petals when fully expanded. Borne in large clusters. Each 75c.

William Allen Richardson A climbing rose of unique color. Center of flower deep orange. Outer petals more or less creamy at margins. The buds are a pure orange tint and are excellent for cut flowers. Each \$1.00.

White Cherokee A variety grown in great quantities throughout California, and is invaluable for hiding unsightly barns, fences, etc. It produces great masses of waxy-white single flowers, with a conspicuous bunch of yellow stamens in the center. Foliage shining green and good at all times of the year. Each 75c.

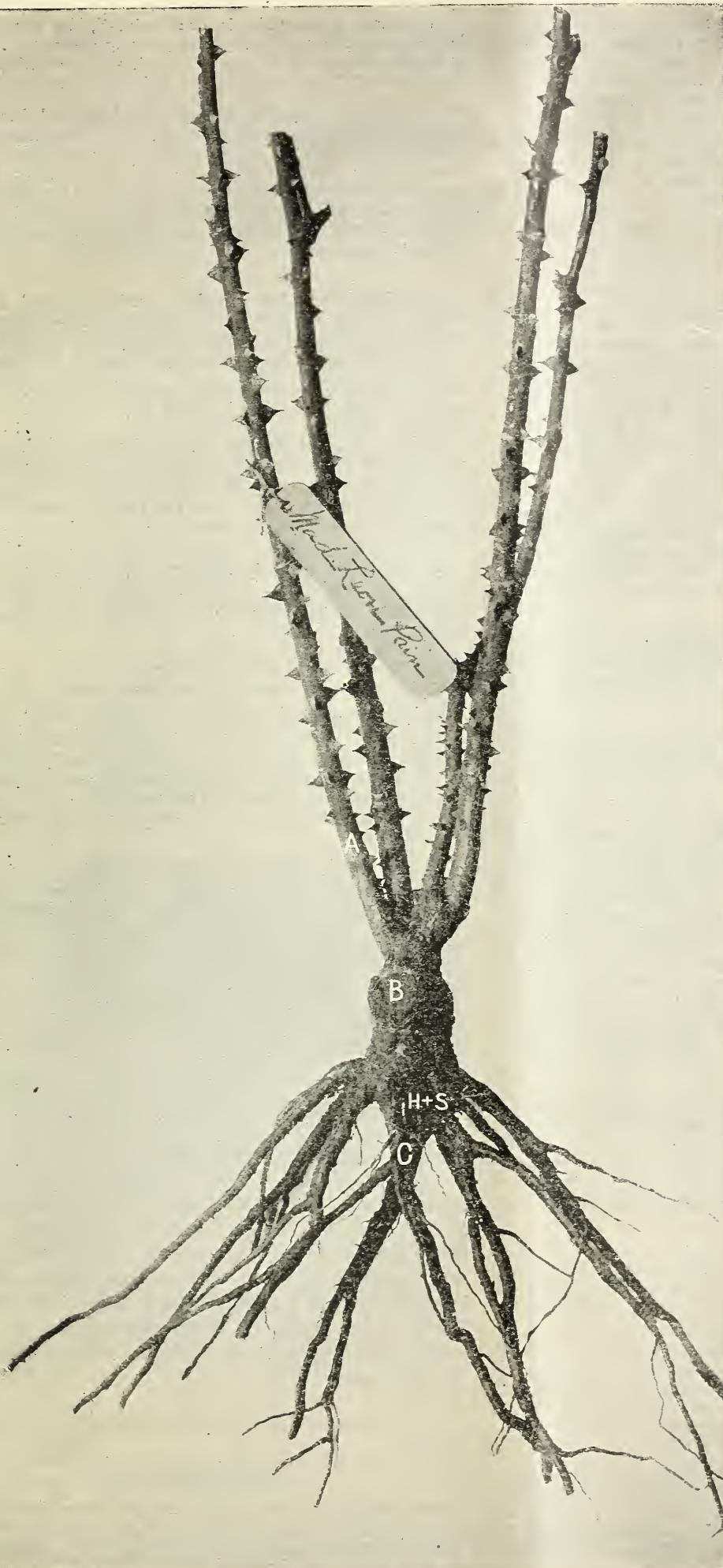
Cl. White Maman Cochet A white sport from the well-known bush form and a fine companion to Cl. Pink Maman Cochet. Buds of immense size, pure white, beautifully rimmed pink at the edge of the petals. Each \$1.00.



HEN in need of Cut Flowers for any occasion, we call your attention to the fact that we maintain one of the largest floral establishments in the West. We are members of the Florists Telegraph Delivery, whereby if you require flowers for delivery to any point in the United States or Canada we can give you prompt and efficient service. If you desire flowers for local delivery, we suggest your visiting our store at Ninth and Olive streets, where a complete assortment of seasonable flowers is there for your inspection. If you cannot call, phone; you will receive the same individual attention.



A field of "Los Angeles" roses at our Rivera Nurseries



How to Plant and Care for ROSES

Before entering into the technical details for which the treatise is intended we would impress on your mind the fact that plants are living things, and although not so far advanced in the scale of creation as the higher forms of animal organisms, yet in common with the latter, they develop in proportion as they are carefully and intelligently nurtured. A plant may suffer from cold; it is equally affected by undue conditions of heat or drought. It is subject to attack by insects and fungus pests, and resents in an unequivocal manner all factors detrimental to its well-being. It differs in no particular from man.

There are many who consider the placing of a plant in the soil as the last and most important act necessary to bring it to a point of fruition. As a matter of fact this is the simplest preliminary. The after care which it requires, comprised in proper pruning, watering, fertilizing, etc., is just as important of consideration if definite and adequate results are to be obtained.

The rose plants which we offer you in this bulletin have been carefully and scientifically grown. They represent the pent-up sunshine of two long California seasons. They are plants, which if you will study their needs and requirements as pertain to your own particular locality, will not only give you splendid results but afford unbound pleasure to yourself and to all who love and appreciate nature as expressed in the flowers of transcendentally beautiful roses.

The varied climatic and soil conditions which pertain in different sections of our country make it exceedingly difficult to incorporate in these brief notes all that might be stated under the head of cultural directions, but contained herein will be found the fundamentals which, if you will follow them carefully and supplement them with your own experiences and ordinary attention, can be depended upon to produce abundant crops of bloom.

A. CARE OF PLANTS UPON ARRIVAL: As soon as you receive the plants, remove the various materials in which they are packed for shipment, excepting, however, the burlap which holds the damp sphagnum moss about the root action. This should be left on until the plants are ready for placing in their final growing quarters. If you live in a locality where the ground does not freeze, as, for example, certain portions of the southern states or the lower latitudes of the Pacific slope, the moss should be removed at once and the plants placed in the bed where they are to grow.

In the more northerly sections, where the ground is frozen and planting out impracticable, remove as above, all the packing except the moss and the burlap around the roots and bury the plants to the tips in a cold frame. If a cold frame is not available, the dirt floor of an outbuilding, such as a shed or cool cellar, will answer. In any instance, cover the plants completely with soil. Select a position where there is plenty of light, but not direct sunlight and no artificial heat whatever. As soon as Spring breaks and it is possible to work the soil, plant them out in the garden. If the plants are to be buried, as suggested in the preceding paragraphs, it is advisable to wrap them in a piece of ordinary window screen, to guard against the attacks of mice, etc.

B. LOCATION OF BEDS: Roses give the best results in a fully exposed, sunny situation where free circulation of air is assured and, if possible, well removed from any buildings. It is inadvisable to plant them in even partial shade, as lack of sunlight induces leaf mildew in dull weather.

C. SOIL: Much has been said regarding the soil best adapted to roses, but our experience has been that they do well in almost any good rich land with a strong preference to soils of a heavy nature.

D. PREPARATION FOR PLANTING: Given that a suitable plot has been selected, we now come to the main essentials to success.

The soil should be trenched or spaded to a depth of not less than eighteen inches, breaking all lumps, removing all stones, etc. With this operation complete, spread over it three or four inches of rotted manure. Spade in thoroughly, and when thoroughly incorporated, rake the bed to final grade.

Measure the distance apart plants are to be set, allowing two and one-half or three feet between them. At these designated points dig a hole twelve inches wide by two feet deep; place in the bottom eight inches of well rotted manure, preferably cow manure, if obtainable. Tread this firmly. On top of this, put six inches of well prepared soil, containing no manure whatever. Tread again, to firm the layer of soil on manure. The remaining portion of the unfilled hole will now be ready to receive the plant.

If the roses are in a dormant or bare root condition, place them in the holes and carefully spread out the roots in as nearly natural position as possible, gradually filling in with fresh soil containing no manure whatever. Whenever the hole is completely filled, tread the soil around the plants as firmly as possible. Make a basin immediately surrounding the plant and water thoroughly.

E. DEPTH OF PLANTING: The accompanying illustration shows a fair sample of one of our strong two-year-old budded rose bushes. B denotes the point of insertion of the bud in the original wild stock. A, the depth that the plant should be set in the soil. C indicates the splendid root action to be noted in the class of roses which we send out. The tape measure to the left of the cut shows the point A to be about four inches above point B. Point A is the proper height the soil should reach when the plant is finally set.

F. WATERING: With the exception of an occasional syringing to clean the foliage of dust, roses should have little or no water overhead. Irrigation, either by means of shallow trenches running along the rows, or by an individual basin around each plant, are the best methods. This puts the water where it belongs—at the roots.

In sections where there is small rainfall, the plants should be kept moist during their entire growing season. After each watering a liberal cultivation of the soil will prove highly beneficial and will tend to retain the moisture in the ground.

It is almost impossible to make any hard and fast rule in regard to the frequency of watering, as at times the heat and consequent evaporation is greater than at others. The principal thing to take note of, is to see that the soil is continually moist during the flowering or growing period. A mulch of well rotted manure, two or three inches deep over the entire surface of the bed, will help check evaporation and reduce the amount of water required.

G. PRUNING: The principal pruning should be done either just after the plants have finished their summer growth, say in the months of November or December, or, in very cold sections, just before the sap begins to rise in the Spring.

It is difficult to give full data as to the method of pruning, but it might be summed up as follows:

Remove all small twiggy growths, pruning back to strong well ripened canes which are well furnished with healthy, big, dormant eyes. As a general thing, the entire top of the plant should be removed. The engraving shows a properly pruned hybrid tea, a two-year-old plant.

H. INSECTS AND DISEASES: Roses are affected with various diseases, pests, etc., but we will only treat of two which give the most trouble. These are Aphis or green fly and mildew.

For the first, use a strong solution of tobacco water, administered on a quiet evening with a spray pump.

For the second, take two ounces of slacked lime, mix with one pound of sulphur, place in a pot, add two gallons of water; boil for three or four minutes. The sulphur, insoluble in water, enters into solution through the action of the lime, forming a sulphurous solution. When cold, dilute this one part to five parts water and spray affected plants thoroughly. It is very effective.

I. WINTER CARE: In sections where freezing conditions are severe, roses of all classes can be safely wintered in the open ground by hillng up around the plants with soil, as far as possible, and on top of this place a heavy mulching of dry leaves, straw or other similar litter. Remove same as soon as danger of frost is over. After these details are taken care of, even the tenderest tea rose can be wintered in the harshest Eastern climate. The hillng up of the plants or the covering with litter is quite unnecessary where heavy freezing conditions do not prevail.

CLOSING NOTE: The Roses we offer are budded—worked low down on various stocks for which we have found, by exhaustive experiments, they show an affinity. Some growers of own root stock declare that budded Roses sucker from the wild stock. We have only to say, this is ignorance. Our stock is especially prepared for budding. They do not sucker; they produce stronger and better plants than any own-root stock possibly could, and, in addition, give an infinitely greater quantity of fine blooms.

TIME OF DELIVERY

We can supply roses as dormant or bare root plants any time from the first of November to the first of April. These are plants which are dug with their full root action from the field, the tops pruned back and all foliage removed.

DAHLIAS

The Dahlia is one of our leading specialties. The collection we offer consists not only of the best and most up to date varieties gathered from all quarters, but includes also a selection of very fine seedlings raised at our Montebello nurseries. The collection has been carefully revised, inferior sorts have been discarded and better and improved varieties substituted. Customers purchasing Dahlias from us may depend upon getting nothing but the best.

In the case of some of the novelties noted below we cannot furnish tubers this season but deliver them as green plants growing in pots in the Spring. Although it is not generally understood Dahlias grown from cuttings in Spring, potted on and planted out in May, June or July, flower quite as freely as those plants which are grown from tubers planted early in the Spring.

Three New and Choice Varieties

Pink Beauty A beautiful Cactus Dahlia of immense size, refined form and splendid stems in one of the most wonderful shades of color to be found. The blossoms attain a diameter on disbudded plants of eight to ten inches. The petals are outstanding, beautifully quilled, and in color a most delicate shade of lavender pink, shading lighter at the center. Flowers borne erect on stout stems. A splendid variety for cutting purposes. Each \$1.50.

Primrose Dame One of the loveliest in our entire collection and one that we feel sure will please the most critical. The color combination is quite distinct from that of any other variety which we know of. The ground color of the flower is primrose yellow overlaid

with coral pink. The flower is of the cactus-decorative type with beautifully curved and twisted petals. The flowers are poised on the ends of long stiff stems. Extra good for cutting purposes. Each \$1.00.

Snowdrift Unquestionably one of the finest white cactus-dahlias ever grown. The color is a glistening snow white. As white as driven snow. Combined with its wonderful shade of color is its exquisite form and the fact that the flowers are borne on strong stiff stems, the flowers being held in bold relief well above the foliage. Each \$1.50.

Special Offer One of each of the above magnificent dahlias for \$3.00.

General Collection of Choice Dahlias

CACTUS DAHLIAS

Bianca Color a beautiful shade of lavender, fine stems good foliage, an ideal variety. Each \$1.00.

Contrast Rich crimson scarlet, beautifully tipped with white. Each \$1.00.

Golden West Deep apricot yellow. Splendid for cutting. Each 50c.

Victory Delicate rosy pink prettily suffused with white. Each 50c.

Geo. Walters Unique in color immense in size splendid stems, color pinkish salmon shaded into yellow at the base. Each 75c.

Wodan Enormous flowers. Old rose tinted gold. Each 50c.

SHOW DAHLIAS

We offer you a splendid collection of these old fashioned Dahlias. Although not so graceful in form as the cactus-type, they are decidedly better keepers as cut flowers. The regular form of the bloom and the rich and varied colors prevalent in this type find many admirers.

Caleb Powers A delicate shell pink of splendid form. Each 50c.

Jungfrau Snowy white. Each 25c.

Dorothy Peacock Bright shell pink. Large perfect shaped flowers. Each 50c.

Hugh Austin Orange scarlet. Each 35c.

J. C. Vaughan Bright yellow. Each 35c.

Max Deegan Rosy apricot and orange. Each 35c.

Mrs. Gladstone Silvery pink. One of the best. Each 35c.

Purple Gem Rich purple. Each 35c.

Ruby Gem Rich ruby red. Each 35c.

Spitfire Bright scarlet. Each 35c.

Sunset Yellow flaked with scarlet. Each 35c.

SPECIAL OFFER

One of each of the above elegant varieties, 11 in all, comprising a selection of the best in cultivation, with a full range of colors, for \$3.50.

POMPON DAHLIAS

These elegant small flowered dahlias are really miniature forms of the large flowered show dahlias. The colors to be noted in the various sorts are particularly fresh and bright

Arthur West A deep rich crimson. Each 35c.

Centifolia Beautiful pink. Each 50c.

Darkness Deep maroon. Each 35c.

Flora Golden yellow. Each 35c.

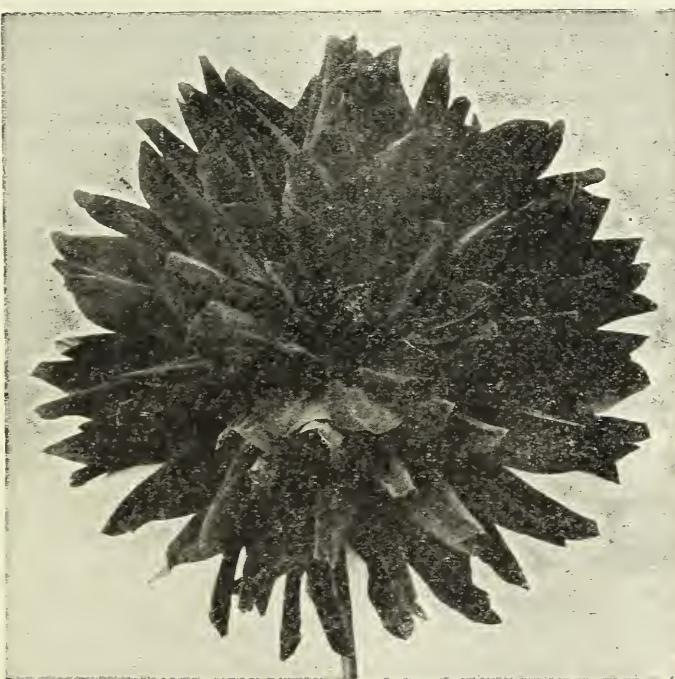
Leila Reddish buff, tipped white. Each 35c.

Red Indian Deep scarlet. Each 35c.

Rosea Rose pink. Each 35c.

SPECIAL OFFER

One each of the foregoing Pompon Dahlias, 7 varieties, \$2.00.



Mrs. Suzanne B. Holmes

Mrs. S. B. Holmes The finest dark crimson maroon dahlia in cultivation. Each 50c.

Mr. A. P. Howard (H. & S.) Rich crimson scarlet. Extra fine. Each 50c.

Thos. Parkin Light terra cotta. Extra choice. Each 35c.

Mrs. Alfred Stern (H & S) Deep lavender pink. Each 50c.



NEW DAHLIA—POLAR BEAR

Among the various novelties which we offer for your consideration this season, there are none of greater intrinsic worth than this magnificent new white decorative Dahlia. It fills a long felt want in Dahlias of its particular class, there being few if any in cultivation at the present time, which combine so many good qualities as this peerless new white. The plants are of vigorous growth, the stems of the blossoms long and rigid holding the flower perfectly erect under all conditions of weather. Absolutely snow white as to color. The flowers are faultlessly formed being composed of broad deeply channelled petals building up when fully developed, a blossom of magnificent contour and giant proportions.

It is easily the best keeper we know of in white Dahlias, a qualification which many of the various high priced novelties offered today entirely lack. We have had blossoms last fully six days in water. This quality emphasizes its worth as a cut flower.

We can supply roots at the present time, or for those who prefer them, strong pot grown green plants May 1st at \$2.50 each.

DECORATIVE DAHLIAS

These are the giants of the race. They are distinct in form from the other types. The petals are usually broad and flat and the blooms of mammoth proportions. One of the best classes for cut flower purposes and one of the most showy.

Delice Rosy pink. Extra choice. Each 50c.

Etendard de Lyon Giant carmine rose. We consider this one of the finest varieties for garden decoration. Each 50c.

Mrs. Scheiff Bright chamois with a faint orange suffusion. Each 50c.

Giant of Stuttgart Deep blood red. Each 50c.

Hortulanus Fiet Shrimp pink tinted with yellow. Each 75c.

Jeanne Charmet Rosy pink, charmingly shaded. Each 35c.

La France Soft La France pink. Immense size. Each 35c.

Minnie Burgle Pure rich scarlet. Extra fine. This won the gold medal at the P. P. I. E. at San Francisco in 1915. Each 35c.

Mont Blanc Pure white. Medium size. Very good. Each 35c.

Madonna Light silvery pink. Extra fine. Each 75c.

Souv. de Gustave Doazon Rich fiery red. Immense size. Each 35c.

SPECIAL OFFER

One each of the above Decorative Dahlias, a collection par ex excellence, for \$5.00.

PAEONY FLOWERED DAHLIAS

A comparatively new class, which has strongly grown in popular favor within the last few years. Blossoms semi-double with large, wavy petals, informal in make-up. Exceedingly decorative in character. Highly recommended for cut flower purposes.

Admiration Rosy crimson with buff shading. Each 35c.

Baron G. de Grancy Immense creamy white. Each 50c.

Comte de La Parx Old rose, suffused with gold. Each 50c.

Geisha Scarlet and gold. Very fine. Each 50c.

No. 935 Snowy white. Extra fine. Each 50c.

No. 952 Orange scarlet, shaded yellow. Each 50c.

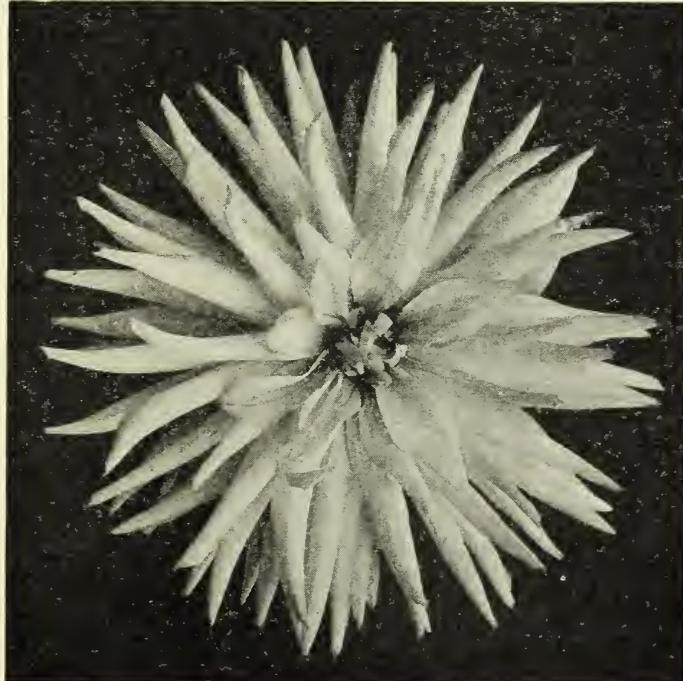
No. 967 Blackish maroon. Each 50c.

No. 990 Pure white ground striped and splashed violet purple. Each 50c.

No. 1002 Scarlet. Extra large. Each 50c.

SPECIAL OFFER

One each of the preceding Paeony Flowered Dahlias, comprising a splendid selection of all colors, for \$4.00.



New Dahlia Snowdrift

NEW ANEMONE FLOWERED DAHLIAS

Unquestionably one of the most distinct breaks which has occurred in cultivated plants in modern times. The blossoms are a replica of the Marguerite, Mrs. Fred Sanders or Pyrethrum Roseum. The ray petals are broad and usually of a different color from the center, quilled petals of the flower.

Plants dwarf in habit with the blossoms borne well above the foliage on strong wiry stems. The color variations are marked, ranging from purest white through the various shades of rose, pink, orange, bronze, carmine, purple, yellow, crimson, etc. For basket work, or any choice cut flower arrangements they are unrivaled and their keeping qualities are remarkable. We predict their universal use as a choice cut flower.

Strong roots, mixed colors, each 35 cents, \$3.50 per dozen.

CULTURAL NOTE Dahlias are strong, vigorous growers and require a rich soil with abundant supplies of water during dry weather. The beds should be in a fully exposed sunny position and should be well enriched with well rotted manure, dug deeply into the soil. Three feet is about the proper distance apart for planting.

In event that dry tubers are being planted, cover the crown with three or four inches of soil; in case green pot plants are being used, plant them one or two inches deeper in the soil than they were in the pots. It does not matter whether tubers or green plants are used in so far as their flowering during the current season is concerned. Green plants set out as late as July first make splendid flowering specimens the following Autumn.

As dahlias attain a height of six feet or over in a single season, staking the plants is a matter of great importance. We have found that the best method is to drive the stakes before planting at the allotted distances the plants are to be set. Then carefully insert the plant or tuber in the soil close to the bottom of the stake.

The best size for stakes is one inch thick, two inches wide and seven feet long. They should be made of redwood, as pine soon rots off. Drive them at least fifteen inches into the ground, as the full grown plants are very heavy and strong winds are liable to blow them over.

The young shoots must be tied to the stake as soon as they attain a foot in height. As the growth progresses tie at intervals of every eight or ten inches. The result will be a nice, straight specimen and an added neatness to the garden.



Mrs. Alfred Stern

Howard Smith

CHRYSANTHEMUMS

A collection of these favorite Autumn flowering plants which is representative of the best varieties placed in commerce in recent years. The varieties offered are all of sterling quality. The newer varieties listed show decided advances in the way of form, size and color. For the benefit of our customers we have segregated them as to color. The plants we offer are all propagated from vigorous soft wood top cuttings and grown on in two-inch pots. The plants will be ready for delivery about April 15th. As we handle a great number of these plants each season it would be advisable for customers to book their orders ahead of this date, as we often sell out early in the season.

JAPANESE TYPES—WHITE

Algonac White, slightly incurved. High rounding blossoms. Each 25c.

Antigone Immense pure white flowers. Very double. Plants quite dwarf. Each 25c.

Autocrat Immense snow white blooms and exceedingly fine foliage. Each 25c.

Crystal Gem A pure white incurved. One of the best varieties for flowering in October. Each 35c.

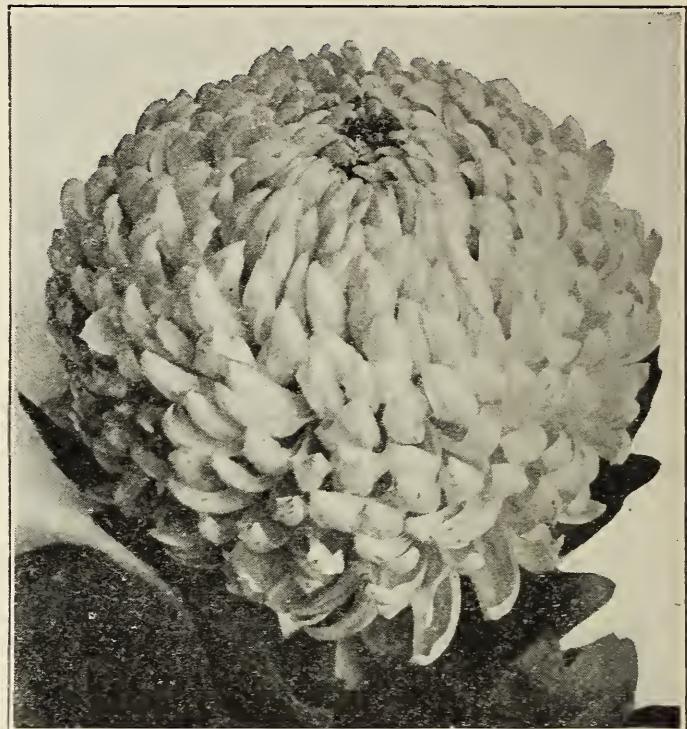
Early Frost One of the earliest of the white flowering varieties. Each 25c.

Florence Denzer A good white variety. Each 25c.

Josephine Foley An excellent pure white, suitable for exhibition purposes. Flowers incurved with fine stem and foliage. Each 35c.

Lynnwood Hall A splendid cut flower of immense size. Pure white. Each 25c.

Mrs. R. Obertheur Pure white. Each 35c.



Miss Maude Jeffries

Mad. Diederichs Enormous flowers with most of the petals incurved. Creamy white. Very distinct. Each 25c.

Mad. Simon Jossier Large exhibition variety of French origin. Creamy white. Each 25c.

Mlle. Jeanne Nonin Full globular blooms with regular incurved petals. As round as a ball and snowy white. Each 25c.

Miss Maude Jeffries White variety with fine foliage. A fine variety for commercial purposes. Dwarf. Each 25c.

Miss Nellie Pockett A superb variety from Australia. Petals long, drooping and interlaced. Flowers of great depth and breadth. Each 25c.

Mrs. F. J. Trantor Giant reflexed blooms. Creamy white, occasionally penciled rose pink. Each 25c.

Mrs. S. J. Reuter A beautiful pure white. Very desirable. Each 25c.

chieftan

Oconto A white incurved with rigid stem and perfect foliage. Each 25c.

President Taft Pure white Japanese incurved. Extra good stem and foliage. Each 25c.

Thanksgiving Queen Large creamy white. Comes just right for Thanksgiving. Each 25c.

White Chieftain A pure white sport of Chieftain, quite as good as its parent. Each 25c.

William Turner One of the most remarkable of all chrysanthemums as to size, ten to twelve inch flowers on well grown plants being quite common. Splendid for cutting. Each 25c.

SPECIAL OFFER

One each of the above white varieties for \$4.25.

JAPANESE TYPES—YELLOW

Bessie Godfrey A broad petaled canary yellow. Incurved. Each 25c.

Colonel Appleton Enormous golden yellow flowers. A splendid exhibition variety. Each 25c.

December Gold One of the best late yellows. Reaches perfection during December. Each 25c.

Donatillo Bright yellow, ball shaped. Foliage and stems extra good. Each 25c.

Etoile du Nord One of the richest yellows in our collection. A grand golden yellow color. Each 25c.

F. S. Vallis Citron yellow. Petals twisted and reflexed. Each 25c.

Golden Eaton A golden yellow sport from Timothy Eaton. A wonderful variety. Each 25c.

Golden Gleam Bright, glistening golden yellow. Extra choice. Each 50c.

Golden Queen The best yellow for October. Matures about the 10th. Incurved. Each 25c.

Marigold A yellow of unsurpassed beauty, both as regards size and color. Matures about October 20th. Each 25c.

Major Bonaffon Incurved, yellow, of regular formation. One of the best commercial varieties. Each 25c.

Mad. Paolo Radaelli A very large yellow, faintly tinted pink. Each 25c.

Mad. Chambry An exquisite yellow variety with fine foliage. Each 25c.

Mrs. T. W. Pockett Deep canary yellow. Petals long and narrow. Very fine. Each 25c.

Mrs. H. W. Rieman A good yellow of unsurpassed beauty. Each 25c.

Mrs. H. J. Jones Rich deep yellow. True Japanese in form. Large size and tall growing. Each 25c.

Mrs. R. C. Pulling Clear bright in color and a flower of large size. One of the best varieties for exhibition purposes. Each 50c.

Mrs. F. J. Taggart A grand late yellow. Each 25c.

Mrs. Harry Emmerton Bright amber yellow, shading to straw yellow. Uniform shape of flower. Each 25c.

Monsieur Pechon An enormous incurved golden yellow. Very double. Each 25c.

Odessa A wonderful incurved bright yellow. Tall growing and flowers of mammoth size. Each 50c.

Ramapo An extra good yellow with fine foliage right up to the flowers. Each 25c.

Roi d'Italie One of the best of the older varieties. A grand yellow. Each 25c.

S. A. Naceur Bey Deep yellow occasionally streaked with red. A very good variety. Each 25c.

Souvenir de A. Scalarandis Intensely bright golden yellow flower with heavily overlapping foliage. A wonderful variety. Each 25c.

Tiger This variety was named by President Wilson. A very round and fine yellow with strong stem and good foliage. Very double. Each 50c.

Woodside A sensational variety. Flowers enormous. Color deep yellow. Fine stem and foliage. Each 50c.

Yellow Wm. Turner A yellow sport from the well known variety Wm. Turner, having all the good points of this variety. Each 25c.

Yellow Prince A peculiar shade of tawny orange. Each 25c.

SPECIAL OFFER

One of each of the above yellow varieties, a collection comprising 29 of the most select sorts, for \$7.50.

JAPANESE TYPES—PINK

Chieftain A very popular commercial pink. Extra good stem and foliage. Each 25c.

Good Gracious A splendid variety which throws fine large blooms. Petals long and narrow. Irregular incurving. Each 25c.

Lady Hopetoun Light pink. A beautifully formed bloom. Dwarf. Each 25c.

Lavender Queen A large reflex lavender pink. Each 25c.

Meudon One of the best pinks in cultivation. Immense in size. Unsurpassed. Each 50c.

Mlle. Marie Liger Brilliant pink. A fine large flower. Each 25c.

Mlle. Jeanne Rosette Narrow quilled petals. Very double flowers. Soft pink in color. Each 25c.

Mlle. Clementine Tousset A fine pink. One of the best of the older varieties. Each 25c.

Miss Lucy Evans A beautiful shade of heliotrope pink. Center petals incurved, outer petals reflexed. Each 25c.

Marquise de Pierres Pink. An old favorite. Each 25c.

Monsieur Loiseau Rousseau Deep pink. Fine habit. Large foliage. Each 25c.

Mrs. Coombes A pleasing shade of deep pink. Each 25c.

Mrs. G. G. Mason A lovely pink. Fine exhibition variety. Each 35c.

Petite Marcel An extremely narrow petaled variety. A dwarf grower. Each 25c.

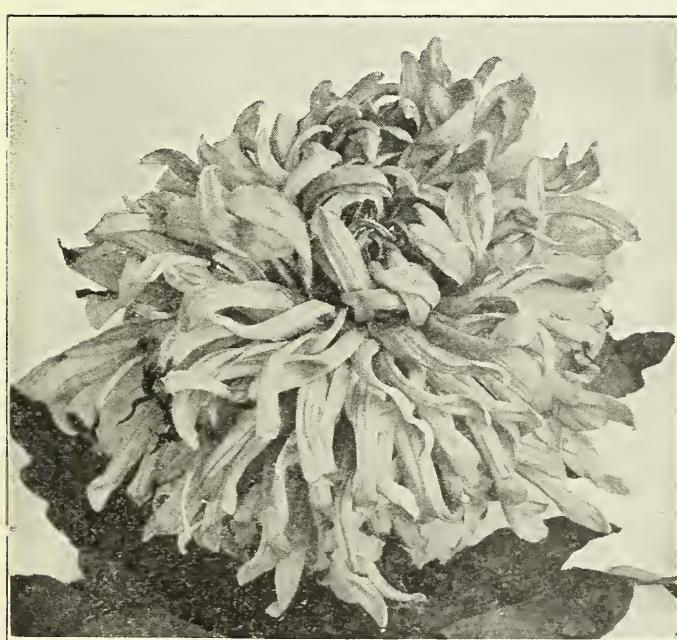
Smith's Sensation A delicate shade of light pink, beautifully incurving in form. A fine exhibition variety. Each 50c.

T. Richardson An extra choice pink variety, with silvery reverse, form loosely incurved. Each 25c.

Unaka An exquisite pink. Each 35c.

SPECIAL OFFER

One each of the above pink Chrysanthemums for \$4.25.



Meudon



Silver King

Howard Smith

JAPANESE TYPES—RED

Amateur Conseil Deep crimson. Reflexed and twisted petals. Each 25c.

Adele Griswold Bright red in color. Fine stem with excellent foliage. Each 25c.

Calumet One of the very finest exhibition bronzes. Large blooms and perfect in form. One of the easiest growers. Each 25c.

Edgar Sanders Bronze with lighter reverse. Extra large flowers. Fine heavy foliage. Each 25c.

F. T. Quittenton Reflexing deep crimson red. Immense size. Each 35c.

Intensity Red, bronze reverse. A strong grower. Each 25c.

Mad. Bruant Reddish bronze incurved. A fine variety for exhibition. Each 25c.

Mrs. R. F. Felton Rosy terra cotta red. Each 35c.

Mad. L. Rousel Bronze. Fine foliage. Each 25c.

William R. Meredith Dark crimson red with gold reverse. Fine foliage, good stem. An unusual color. Each 25c.

William Kleinheinz Immense red with golden reverse. Fine habit, large foliage. One of the best varieties. Each 25c.

SPECIAL OFFER

One each of the above red varieties, 11 in all, for \$2.50.

JAPANESE TYPES—PURPLE

Mr. T. Carrington Rosy purple with silver reverse. Good foliage, fine stem, and large blooms. Each 25c.

Mons. Antonin Marmontel Rosy purple. Enormous exhibition variety. Each 25c.



Smith's Sensation

ANEMONE-FLOWERED VARIETIES

Eugene Langaulet Deep golden yellow in color, coming in just in time for Thanksgiving Day. One of the best of the anemone flowered varieties. Each 25c.

Katherine Simmons Soft pink guard petals, yellow center. Each 25c.

Mrs. F. J. Gordon Dexter Center pink, two rows of ray petals. Each 25c.

Miss Ida Kroeschell Yellow. A very fine variety. Each 25c.

Satisfacto Old gold and yellow. Each 25c.

Western Beauty One of the finest of all deep rose colored varieties. Each 25c.

SPECIAL OFFER

One each of the above Anemone Flowered varieties for \$1.25.



Golden Climax

POMPON VARIETIES

Golden West An elegant golden yellow. Each 25c.

Golden Climax One of the very best. A pleasing shade of bright yellow. Each 25c.

Lucy A distinct and beautiful yellow. Extra fine for cutting purposes. Each 25c.

Mary An exquisite shade of pink. Each 25c.

Rita Very dark red. Each 25c.

SPECIAL OFFER

One each of the above Pompon varieties for \$1.00.

SINGLE VARIETIES

Donald An exquisite variety. Each 25c.

Dorothy Duggan One of the best of the whites. Each 25c.

Excelsior A superb sort. Opening blossoms scarlet, changing to bronze and flame color. Very large. Each 25c.

Irene Deep lavender with distinct white zone around center disc. Each 25c.

Leon Grant A pleasing shade of rosy pink. Each 25c.

Marion Sutherland Very large yellow. Double row of petals. Brilliant and attractive. Each 25c.

Miss Clara Banghart A distinct and beautiful red. Each 25c.

Mrs. H. Hogben Orange bronze. Charming color for table decoration and has every other desirable attribute. Medium height and growth. Each 25c.

Mrs. Wm. Buckingham Midseason pink. Has proven itself one of the best varieties for cutting or market purposes ever introduced. Each 25c.

Mrs. Lou Thompson Beautiful primrose yellow. Each 25c.

R. B. Burge Pure snowy white. Each 25c.

Yvonne Brilliant bronze amber. Each 25c.

SPECIAL OFFER

One each of the above single Chrysanthemums for \$2.50.

Howard Smith

PHLOX

These old fashioned plants in their new and improved types make one of the most imposing displays of color that it is possible to obtain in the garden. A remarkable thing in regard to Phlox is that there is not a state in the Union in which they will not grow and thrive. They withstand heat and extremes of cold, and, with the return of each Spring and Summer there is a wonderful display of their handsome heads of bloom.

We grow each season an immense quantity of Phlox and have ready for Spring delivery a grand lot of one year old clumps, which, if planted in your garden during the current season, will furnish a bountiful show of flowers the ensuing Summer. From January until April Phlox can be planted in a dormant or bare root condition. For this reason they pack lightly and can be shipped to distant points at very small expense.

A CHOICE ASSORTMENT OF THE BEST VARIETIES IN CULTIVATION

Wanadis Entirely distinct. Lavender blue, mottled violet and white. Each 25c.

Coquelicot Bright scarlet. Fine variety. Each 20c.

Europa White with small dark eye. Extra large. Each 25c.

F. G. Von Lassburg Enormous pure white. Each 25c.

George A. Strohlein A grand scarlet. Each 25c.

Hervor Rose with white eye. Each 25c.

Henri Regnault Immense purple. Each 20c.

Inspector Elpel Pale rose with dark eye. Each 25c.

Lothair Dark salmon with carmine eye. Each 25c.

Mrs. Jenkins Tall pure white. Extra fine. Each 25c.

Mad. M. Kuppenheim Dwarf, pure white. Each 25c.

Mad. Paul Dutrie Flesh pink on white ground. Each 25c.

Reichenau Very large, pure rose. Each 25c.

Pantheon Beautiful rose pink. Each 25c.

Prof. Scheilemann Lilac rose. Each 20c.

Prof. Virchow White, shading to crimson. Each 25c.

Rheingau White with rayed carmine eye. Each 25c.

Rynstrom Extra choice soft pink. Each 25c.

Selma Pale rose with dark center. Each 25c.

Vesuvias Fiery red. Each 25c.

Zouave Carmine, very fine. Each 25c.

SPECIAL OFFER

One each of the above 21 choice varieties of perennial Phlox for \$4.00. Any 12, customer's selection, for \$2.75.

CULTURAL NOTES

Although perennial phlox are of the easiest possible culture, they are a subject which respond readily to good cultural methods. In general they delight in a light, rich, loamy soil. They are gross feeders and require an abundance of well-rotted manure worked into the soil—this operation to be done preferably some time prior to planting.

There is a vast difference in the quality of the plants where they have been afforded liberal treatment as against being planted in poor or impoverished soil. During dry weather they require an abundance of moisture and water in generous amounts should be given when they show the slightest signs of flagging.

For a fertilizer we would recommend well-rotted cow manure as it tends to keep the soil cool and affords the plants the necessary nourishment which they require.

Where phlox are planted early they often produce a mass of color by July. With the passing of this crop of bloom, the plants may be cut back to within three or four inches above the soil and by giving them an abundance of moisture at this time a second crop will manifest itself during the Fall months. As is the case with Dahlias, often the best crop of bloom is produced during the autumn months during moderate days and cool nights.

Note We call our customers' attention to the particularly strong character of the clumps of Phlox which we send out. The crowns are extra strong and possess an abundant root action.



A FIELD VIEW OF PHLOX AT OUR MONTEBELLO GROUNDS

Howard Smith



A FIELD VIEW OF CANNAS AT OUR NURSERIES

CANNAS

For rich, sub-tropical garden effects, used in conjunction with grasses, etc., such as Cyperus, Papyrus, Eulalias, Crimson Fountain Grass or Caladiums, Cannas can scarcely be excelled. They bloom without intermission from early Summer until the advent of Winter frosts.

We devote several acres of ground each season to their culture and have limited our collection to the very best which are on the market today. Aside from securing from all sources the latest and best novelties and subjecting them to rigid tests before distributing them to our customers, we have added some exceedingly fine seedlings of our own raising.

Varieties of Especial Merit

American Beauty (H. & S.) A splendid hybrid of our own production. Color a deep shade of carmine rose of a particularly pleasing and unique shade. Size of both trusses and individual flowers enormous, with the advantage that it cleans nicely in the truss. Each 50c.

Brightness (H.&S.) Intense orange scarlet. Flowers of magnificent size and intensely brilliant color. One of the finest bedding cannas extant. Each 50c.

Firebird Intense bright scarlet. Flowers enormous in size, eight-inch blossoms being quite common. Each 35c.

Faisandore Bronze foliage, flowers a beautiful apricot carmine color with golden sheen. Each 35c.

Gustave Gumpfer Deep rich golden yellow without a trace of any other color. This is one of the finest yellow cannas in cultivation. Each 35c.

Oiseau d'Or (Goldbird) A beautiful shade of canary yellow. The immense flowers are borne in large trusses above the very heavy green foliage. Each 50c.

General Collection

Alfred Mauther Deep crimson. One of the best. Each 25c.
Comtesse de Breteuil A lovely shade of rose. Each 25c.

Evolution Salmon apricot color. A fine variety. Each 25c.
Charles Lutz A lovely shade of pure yellow. Each 35c.

Hungaria Delicate rose pink. A gem in every way. Each 25c.
Herzog Von Otrante Yellow with center of bloom deep brownish crimson. Each 25c.

King Humbert A bronze foliaged variety with reddish scarlet flowers. Enormous in size and a great favorite. Each 25c.

Ludwig Kopf Bronze foliage. Flowers a beautiful orange and apricot color. Each 25c.

Mrs. Geo. Strohlein A fine deep crimson. Each 25c.

Mrs. A. F. Conrad Pure salmon pink with very fine foliage. Each 25c.

Mrs. Kate Gray Magnificent orange scarlet, overlaid with gold. Each 25c.

Mad. Siebrecht Yellow, penciled brownish red. Each 25c.

La France (H. & S.) A magnificent canna in every way. Tall growing, with immense flowers and trusses of a clean even shade of pure pink. One of the finest things in our collection. Each 50c.

Queen Helen (Yellow King Humbert) A splendid new canna, a sport from that well known variety King Humbert, but differing entirely in color. The flowers are enormous size and of a deep rich yellow color, handsomely spotted with dark scarlet over their entire surface. The foliage, unlike that of King Humbert, is bright green. The plant attains a height of six or seven feet. The tremendous size of its flowers, trusses, and character of growth make it easily one of the most impressive of all the new varieties. Each 50c.

San Diego This variety is a distinct shade of burnt orange. The individual heads and trusses are of immense size and the trusses clean nicely. It is quite a new color in cannas and one, when it becomes better known, will undoubtedly be in great demand. Each 50c.

SPECIAL OFFER

One each of the above superb varieties of new Cannas for \$3.50.

Collection

New York Bronze foliage, carmine flowers, shaded crimson. Each 25c.

Olympe Rich carmine rose, shading lighter towards the center. Each 35c.

Prince Weid Rich brilliant crimson. Each 25c.

Richard Wallace Bright canary yellow. Each 25c.

Rosea Gigantea A pretty shade of carmine rose. Each 25c.

Stuttgartia Orange scarlet, edged golden yellow, marbled light scarlet. Each 35c.

Uncle Sam Extra large flowers, bright scarlet. Orchid type. Each 25c.

Venus Charming bright rose pink. Each 25c.

Wintzer's Colossal Enormous vivid scarlet flowers. Ea. 25c.

SPECIAL OFFER

One each of the above 21 choice standard varieties of Cannas, an unequalled collection, for \$4.50.

HYDRANGEAS

It is with pleasure that we direct the attention of our customers to the splendid collection of Hydrangeas noted below. With the exception of the variety Otaska they are all new hybrids of French origin and have created a sensation wherever they have been shown. Until the advent of these new hybrids the colors in Hydrangeas were confined to either pink or white, whereas in this new set an immense range of charming colors have been added. The trusses and blooms of nearly all of the sorts are of phenomenal size. The fact that Hydrangeas thrive in shady places makes them especially valuable in north borders, etc., where only too often it is difficult to obtain definite or permanent color effects.

HYDRANGEA TROPHEE

A superb new variety, distinct in every particular from any Hydrangea hitherto introduced. The color is a brilliant shade of carmine rose—the nearest approach to a red to be noted in this class of plants. Easily one of the finest novelties in any class of plants of recent introduction. Price each 50c.

Avalanche Superb variety with immense panicles of pure white flowers.

Bouquet Rose Rich pink, turning to light pink.

Botaniste Poltereau A pretty shade of mauve rose.

Fraicheur White with dainty suffusions of rose.

Innocence A splendid compact growing variety. Pure white. Trusses of medium size.

La Lorraine Pale rose turning to bright pink.

Mlle. De Tremault A pure white of distinct form. Extra good.

Mlle. Agne. Bariellet One of the earliest blooming whites. Very refined form.

Mlle. Renee Gaillard Pure white with fringed florets.

Mad. Raymond White passing to rose.

Mad. E. Mouillere A variety with trusses and individual florets of phenomenal size. White, occasionally tinted with pink.

Mad. M. Hamar A superb shade of delicate blush rose.

Mad. A. Riverain Brilliant blush rose.

Mousseline Very large trusses. Light pink with a cream colored center.

Mons. G. Renault Bright rose with carmine reflex.

Ornament Extra large flowers. Mauve pink.

Radiant Rich rosy carmine.

Souv. de Mad. E. Chautard A free blooming and very early pink variety.

Senateur Henri David Superb flowers of delicate pale rose color.

Vieux Chateau White with suffusion of rosy carmine.

Viscountess de Vibraye Rosy pink.

Otaksa Montrosa One of the older varieties. Always good. Color blush pink. Trusses extra large.

PRICE of any of the foregoing varieties, strong young plants from four inch pots: Each 50c; per doz. \$5.00.

LANTANAS

The dwarf types of Lantanas are so extremely useful as bedding plants that each season sees an increased demand for them. In these new and improved varieties the trusses are not only much larger than those of the older climbing sorts, but the neat compact plants are always covered with bloom. They rarely exceed twelve inches in height. They will not stand much frost. Highly recommended for warm, sunny positions.

A SUPERB VARIETY

Rose Queen A superb new sort of our own raising. Plants extremely dwarf in nature, rarely exceeding one foot in height, and are in constant bloom from late spring until November. The color is a pleasing shade of rose with a distinct white eye. Trusses are exceedingly large. Wonderful free flowering. Each 15c, per dozen \$1.50.

Lantana Delicatissima The well known trailing Lantana. Covered with myriads of beautiful lavender pink flowers ideal for basket work or as a ground cover in warm, sunny locations. Each 10 c; per doz. \$1.00.

COLLECTION OF STANDARD DWARF SORTS

Amiel Red, shaded to orange.

Crusallis Bright orange yellow.

Cicerone Old gold and copper.

Iolande Burnt orange and red.

Jannia A pleasing soft pink.

Farfadet Orange and copper.

Radiation Rich red.

Snow Queen Pure white.

Seraphine Rose pink, merging to orange.

Tethys Sulphur yellow.

PRICE of standard varieties: Each 15c; per doz. 1.50; per 100 \$10.00.

HELIOTROPE

The varieties of Heliotrope which we offer you below comprise a splendid range of colors and belong to the giant flowered class. The trusses in well grown plants often attain a foot in diameter. They are splendid for sunny beds. The delicate color of the blossoms combined with the dwarf compact habit of the plants renders these varieties of special value.

Centefleur Trusses of enormous size, dark rich violet in color.

Lueur d'Opale A superb shade of pale blue. Trusses of extraordinary size.

Madam Bruant A distinct shade of light purple, of splendid dwarf habit.

Snow Wreath The best of all pure white heliotropes. The trusses of bloom show a lavender suffusion.

Tall Dark Rich deep purple flowers. A very vigorous tall growing variety.

Fine strong plants from four inch pots of any of the above. Each 25c; per doz. \$2.50.

Howard Smith

CARNATIONS

The refined form, the exquisite fragrance and the free blooming qualities of the Carnation place it in a position which in popular favor is second only to the rose. Carnations can be grown with ease in any garden with the simplest methods of culture. They blossom almost without intermission throughout the year, furnishing at all times a bountiful supply of fragrant blooms.

In very cold seasons it is necessary to carry them through the winter under glass. In localities, however, like California or the Southern States, they can be grown in the open ground without danger of freezing.

Included in the following collection are not only the best standard varieties but some exceedingly fine seedlings of our own production as well.

Alice An immense bloom of beautiful rose pink shade. Not unlike Enchantress in habit.

Benora A splendid fancy variety. Pure white, penciled with deep rosy scarlet.

Dr. Choate A splendid variety for cutting purposes. Strongly clove scented. Medium size scarlet flowers.

Estelle Deep reddish scarlet. Extra choice.

E. K. Harvey (H. & S.) White beautifully overlaid and mottled with pink.

Enchantress Enormous shell pink flowers.

Fair Maid Soft apple blossom pink flowers, deeply fringed. Very fragrant.

Harlowarden Rich crimson maroon. Deliciously fragrant.

Matchless (See cut) Unquestionably the finest of all pure white carnations. Remarkable alike for its immense size and vigorous growth.

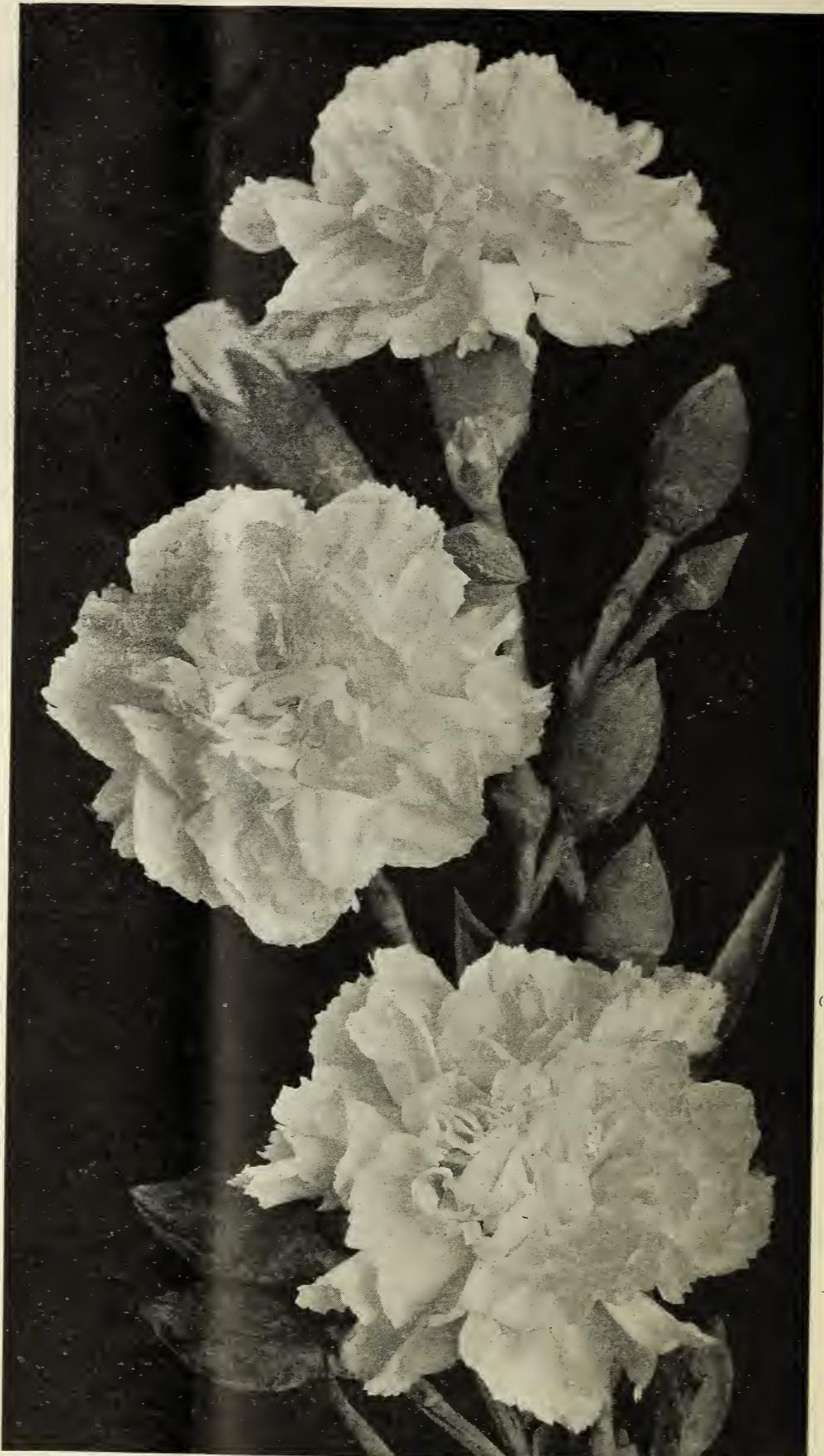
Mrs. C. W. Ward A very large flowered variety with perfect calyx and dark rosy pink flowers.

Prosperity White stained with carmine.

Purity A very large flower deeply fringed, snowy white. Quite distinct in character and growth from Matchless.

White Enchantress An exact replica of the pink form with immense snowy white blossoms.

White Fair Maid A deliciously fragrant white sport of Fair Maid.



Carnation "Matchless," the Peer of All White Varieties

Roosevelt Rich crimson maroon. Not unlike the color to be noted in the old fashioned clove pink. Intensely fragrant.

PRICE of any of the above varieties, fine pot grown plants ready March 1st. Each 15c; per doz. \$1.50.

Howard Smith

PELARGONIUMS

Pelargoniums, or "Lady Washington Geraniums," as they are commonly called, are among the most beautiful of our Summer and Fall flowering plants. They offer a rich and varied assortment of colors or combination of colors, and the ease with which they may be grown should recommend them to everyone. There is a constantly growing demand for good Pelargoniums, and the collection we offer includes some of the finest varieties now in commerce. They are free blooming and large flowered. They make elegant specimens when well grown in pots, and if carefully pinched out, so as to make spherical plants, they rival Azaleas in beauty.

The collection which we have the pleasure of offering this season represents some of the loveliest varieties ever produced. The plants are of splendid, compact habit; flowers and trusses of phenomenal size, comprising a series of colors which are not only new but of matchless beauty.

NEW OR SCARCE VARIETIES

Anna Rudolph Dark red with immense black blotches. A superb variety.

Andenken an London Reddish scarlet, center white, upper petals blotched black.

Andenken an Moscow Deep, rich purple, each of the petals marked with black blotches. A remarkable variety.

Balkonigen An immense flowered, light rose colored variety Extra fine.

Cornelia Soft rose, white at center with distinct maroon blotches.

Carl Holzman Deep scarlet, upper petals handsomely blotched with black.

F. H. Howard Dark reddish scarlet with conspicuous black blotches on the upper petals.

J. Topfer Compact growing variety. Flowers red with outer edges of petals white.

Illa Salmon rose handsomely blotched on the upper petals.

Kate Bornemann White daintily overlaid salmon pink, blotched rich crimson. A superb sort.

Mrs. Krumb Pale soft rose, upper petals blotched deep purplish red.

Miss Saunders Snowy white with two upper petals blotched rich purplish crimson. A striking sort.

Martha Burger Bright salmon rose. Compact growing and remarkably free blooming.

Montebello Delicate pink blotched with white.

Olympe A remarkably free blooming giant white sort.

Professor Correns Without doubt one of the largest flowered Pelargoniums grown. Blossoms are of immense size, deep rose in color, all of the upper petals being blotched black.

Peter Hoser Firey brick red with black blotches.

Pauline Schroeter Deep rosy carmine with dark blotches.

Ysenberg Light red with white center, petals edged with white, dotted white over the entire surface of the flowers. A remarkable variety.

Price of any of the above superb sorts, 25c each; \$2.50 doz.

OLDER STANDARD VARIETIES

Anita Center of flowers white, margined bright rose. Upper petals feathered dark crimson. A gem.

Bertha Wagner Deep carmine rose. Edges of the petals white.

Blue Mabel Dark carmine with velvety black blotches.

Duchess of Cornwall Large flowered, deep purple maroon.

Duchess of Westminster Pink and white with crimson blotches.

John Martin A free blooming variety, light purplish maroon in color.

Lord Clyde White veined and flushed light purple.

Mrs. E. H. Childs A splendid variety with deep rosy pink flowers, the color being uniform throughout.

Mad. Thibaut Pink with white shading. Extra large.

Mabel Upper petals maroon, lower ones bright rose.

Price of any of the foregoing older sorts: Each 20c; per dozen \$2.00.

VERBENAS

There are but few plants more desirable for bedding purposes than Verbenas. They produce a bright and lasting mass of color through the major portion of the year. You will find the named varieties to be noted below exceedingly choice. They are all of the mammoth flowered class with individual blossoms and trusses of enormous size.

We would particularly call your attention to our two new varieties, "Crimson King" and "Scarlet Queen." These two varieties offer a distinct advance over any other Verbenas. They are the result of a series of crosses made at our Montebello trial grounds. There is nothing in existence to equal them for size, beauty of color or free blooming qualities. They are superb for bedding purposes and blossom right through the season.

Crimson King (H. & S.) The largest flowered verbenas in existence. The individual flowers in the truss will cover half a dollar. It has a color unequalled by any other verbenas we have ever seen, being one of those deep, glorious crimsons that catches the eye at once. It is a gem for bedding or parking purposes, producing a constant sheet of bloom from Spring until late Autumn. It is a tremendous grower with deep green foliage. It is something of superlative quality, something which will please you. Each 15c; per dozen \$1.50.

Ellen Wilmott Unquestionably the best of all deep rose colored verbenas. Flowers and trusses of splendid size, with a color tone of charming effect. Each 10c; per dozen \$1.00.

Lavender Queen This variety is also the result of our crosses. The color is a beautiful shade of pure lavender. Trusses extra large. Each 15c; per dozen \$1.50.

Purple King A vivid bluish purple and unquestionably the best of its color. Each 15c; per dozen \$1.50.

Scarlet Queen (H. & S.) This splendid variety is the result of our work in the improvement of verbenas. We flowered it for the first time in the season of 1917, and at the present time have sufficient stock to place it on the market. It is a facsimile in so far as size is concerned of our variety Crimson King, but the color is lighter, being a deep velvety scarlet. Each 15c; per dozen \$1.50.

H. & S. Mammoth Mixed Verbenas Aside from the separate varieties which we offer above and which must be propagated by cuttings, as they do not seed, we would call your attention to this strain, which are free seeders, very large flowered and excellent for mixed bedding purposes. Where no definite color effect is required these Verbenas will be found particularly useful. The plants bloom within a short time after being planted out, and continue from early Spring until late Autumn, producing an unbroken carpet of rich and varied colors. Strong plants from two-inch pots, ready March 1st. Each 10c; per dozen \$1.00.

FUCHSIAS

The collection of Fuchsias which we offer below is second in quality to none in America. They are varieties which we have gathered from all sources and will be found not only distinct in character but remarkable for the enormous size of the individual blossoms and their splendid freeblooming habit.

Fuchsias do well in any protected north border and bloom in great profusion during the warm months of the year. They should have a well prepared bed which has been thoroughly enriched with well rotted manure and copious supplies of water during hot weather.

A SUPERB COLLECTION OF DOUBLE VARIETIES

Andre le Nostre A superb large flowered, free blooming variety, very double. The corolla is a beautiful shade of prune blue. Each 35c.

Baron Ketteler A giant flowered, deep, rich purple variety with distinct scarlet sepals. Each 35c.

Beranger Dark purplish blue with distinct red sepals. Very fine. Each 35c.

Diamant A superb white variety, the corolla being streaked with rosy carmine. Enormous flowers. Each 35c.

Dr. Behring Bluish purple corolla. Sepals pink. A superb variety. Each 35c.

Dollar Princess Carolla purple, sepals pink. Very free blooming. Each 35c.

Emile Laurent Rose with handsome white corolla. Clear rose sepals. Each 35c.

General D'Amade Corolla dark rosy pink. Sepals pink. Extra large. Each 35c.

General Drude A grand double, pure white variety. Each 35c.

G. Portesi Violet blue with veinings of scarlet in the carolla. Each 35c.

Graphic Deep violet purple. Sepals scarlet. Each 35c.

Jarry Desloges White with distinct shading of rosy carmine at base of petals. Each 35c.

Juliette Adams A remarkably free flowering double white. Quite distinct from other whites of this set. Each 35c.

Le Robuste Violet blue veined with dark rose. Each 35c.

Lucien Daniel A superb shade of lavender mauve. Sepals light red. Extra choice. Each 35c.

Mrs. Gladstone Enormous flowers. Corolla pure purple, sepals wine red. Each 35c.

Monsieur Lequet An ultra refined pure double white. Very distinct. Each 35c.

Monsieur Morliere Giant violet purple. Each 35c.

Pythagore Dark red sepals. Large, handsome violet colored corolla. Each 35c.

Paul Cambon Carmine red sepals. Bluish purple corolla. Each 35c.

Renault Morliere Deep prune color. Enormous flowers. Each 35c.

Rose Phenomenal A superb shade of rosy lavender. A gem. Each 35c.

Sylvia One of the grandest Fuchsias extant. Corolla pure white and extra long. Sepals scarlet. Each 35c.

Torpilleur Corolla flesh with distinct shading of rose. Sepals red. Each 35c.

Yves Delage Corolla prune color. Sepals wine red. Each 35c.

CHOICE SINGLE VARIETIES

Black Prince Rich rose colored corolla with scarlet sepals. Each 35c.

Elsa Corolla rosy purple, sepals rose color. Each 35c.

Sensation Corolla rose pink tinted with violet. Carmine red sepals. Each 35c.

Souvenir de Henry Henkle A hybrid of the triphylla class with blossoms some three inches long, borne in clusters. Large, prune colored foliage. Each 35c.

Swanley Yellow A beautiful single variety, similar in form to the preceding, with extra long tube and spreading sepals. A distinct shade of orange red. Very fine. Each 35c.

NOTE: Although to many of our customers the color descriptions as applied to the above Fuchsias will seem more or less alike, we desire to state that all of the varieties are quite distinct in form and character. Regardless of which varieties you may select, you can absolutely depend upon getting varieties which are the choicest in commerce today. The plants are especially fine, well grown stock in three and four inch pots. In addition to this size we have specimens in eight-inch pots of the entire collection at \$1.00 each. Those who desire large plants for immediate effect will find the large size plants of splendid quality.

BABY FUCHSIAS

These so-called Baby Fuchsias are handsome miniature flowered forms resulting from crosses made between *Fuchsia Riccartonii* and some of the larger flowered types. They are very vigorous growers and in the southern sections of California often attain a height of eight to ten feet when planted in the open ground. They produce a wonderful profusion of small dainty flowers that completely cover the plants. If planted in North borders as a back ground they are of superb effect. We secured these varieties from France, where they are exceedingly popular for the purposes above mentioned. They are of splendid use, also if planted in tubs or pots, as porch plants. We are only giving short description of these varieties, but all are distinct either as to form or color.

Beaumarchias Purple.

Carmen Violet.

Elysee Rose pink and white.

Florian Purple.

L'enfant Prodigue Violet purple.

Minos Dark purple.

Mrs. Alice Hoffman Clear white.

Mrs. Josephine Frankenfield White.

Price on any of the foregoing, 35c each.

Nestor Royal purple.

Ronsard Violet.

Riccartonii Bluish purple.

Telegraph Purple.

CULTURAL NOTE—Fuchsias are primarily moisture loving subjects. The original species from which the hybrids above noted were raised are principally natives of Central and South America. The country to which they are indigenous is one where an abundant rain fall occurs during the various months of the year. Although most of the species are tropical or semi-tropical in their nature, it has been demonstrated that they are amenable to both indoor and outdoor culture in the temperate zones. There are but few subjects which will give better results planted in a north shady position than Fuchsias. They grow with great rapidity and blossom without intermission from early Spring until late Autumn. The number of plants which will grow and blossom profusely in a north exposure are comparatively few. Fuchsias are one of the subjects which require this particular condition. They may be grown as single specimens trained to pyramidal form or they may be trained as standards on single stems. Planted early in Spring and given an abundance of moisture with liberal feeding, they grow with great rapidity and soon become with only a nominal amount of care plants of splendid effect and beauty. Bear in mind that they are gross feeders. They require a rich soil and if the soil is at all poor, a liberal mulch of well rotten manure, with cow manure as a preference, is needed. The manure may be dug into the soil or used as a mulch. With careful attention to these simple details, an abundance of very fine blooms and splendid foliage will be the result.

GERANIUMS

The zonal Pelargoniums or Geraniums, as they are more commonly called, are of so much value as flowering decorative plants almost through the entire year that they command themselves to all who possess a garden and who enjoy the superb stretches of color obtainable with them. There are few plants grown which offer such an uninterrupted display of bloom over an extended period. The newer and improved types are exceedingly fine and where given the most ordinary attention may be depended upon to produce unbroken sheets of color from early Spring to late Autumn.

There is a growing demand at the present time for good Geraniums and the list of varieties which we offer you will be found a selection of the choicest kinds in cultivation today.

A CHOICE SELECTION OF THE BEST SINGLE TYPES

Alice of Vincennes A splendid variety. Pure white merging through carmine rose to intense scarlet at the outer edges of the petals. Each 15c; per dozen \$1.50.

Crabbe A mammoth flowered variety. In color a beautiful shade of salmon pink. Remarkable for its gigantic trusses. Each 15c; per dozen \$1.50.

Cerise A superb rose color with suffusion of orange. An ideal bedding variety. Each 15c; per dozen \$1.50.

Countess of Jersey A lovely new single Geranium of beautiful salmon pink tone with distinct white eye. Each 20c; per dozen \$2.00.

Dr. Condamay Brilliant scarlet shading to violet, center of pure white. Each 15c; per dozen \$1.50.

Fred Bean Bright salmon pink. Remarkable for its immense blooms and splendid free blooming qualities. Each 15c; per dozen \$1.50.

Herrick A dwarf growing, compact habit variety. Flowers intense scarlet. A splendid bedder. Each 15c; per dozen \$1.50.

Jacquerie Probably the finest dark crimson single Geranium in existence. The mammoth flowers are ideal in form and have that rich, velvety crimson scarlet color that is admired by everyone. For bedding it is unsurpassed. Each 15c; per dozen \$1.50.

John Forbes Bright orange scarlet with immense circular flowers and gigantic trusses. The growth is dwarf and bushy. Each 15c; per dozen \$1.50

L'Aube Unquestionably one of the finest of all single white geraniums. Immense trusses of bloom. Color pure snowy white. Each 15c; per dozen \$1.50.

Mary Seaton Large flowered, scarlet with distinct white eye. Each 15c; per dozen \$1.50.

Mary Stewart Bright crimson with scarlet shading. Each 15c; per dozen \$1.50.

President McKinley Purplish crimson. Flowers exceedingly large. Each 15c; per dozen \$1.50.

Gertrude Pearson Unquestionably one of the finest of all pink geraniums for bedding purposes. In color pure rose pink with large white eye. Each 15c; per dozen \$1.50.

General Leonard Wood Center of flowers white, edges broadly banded with rosy carmine. A splendid variety. Each 15c; per dozen \$1.50.

Pierre Veber Center of the flower white gradually merging into violet purple. Each 15c; per dozen \$1.50.

Paul Crampbel Generally recognized as one of the best of the best of all bright scarlet varieties. A splendid bedder, with enormous trusses of flowers freely produced on dwarf, compact plants. Each 15c; per dozen \$1.50.

Renomme Lyonnaise A splendid fancy geranium, white with suffusion of rose. Each 15c; per dozen \$1.50.

Rene Boyslevre White at the center, shading to scarlet and violet at the edges of the petals. Each 15c; per dozen \$1.50.

Snowdrop A splendid bedding variety. Pure white. Very large trusses. A constant and abundant bloomer. Each 15c; per dozen \$1.50.

Salmon Paul Crampbel A salmon pink sport from the well known scarlet variety. Produces large flowers and gigantic trusses. A splendid addition to the list of select bedding varieties. Each 20c; per dozen \$2.00.

DOUBLE GERANIUMS

Beaute Poitevine A beautiful type of semi double geraniums. Exquisite salmon pink flowers. Very large. Each 15c; per dozen \$1.50.

De Quirelle Violet purple, slightly marked white. Each 15c; per dozen \$1.50.

Jean Viaud Rosy pink with white center. Each 15c; per dozen \$1.50.

La Pilot An old variety, but probably one of the most intensely scarlet geraniums ever produced. Blossoms of medium size, borne in immense trusses. Highly recommended. Each 15c; per dozen \$1.50.

Mad. Landry Clear salmon, center shading to copper, with white eye. Each 15c; per dozen \$1.50.

M. Conovas A superb dark crimson scarlet. Each 15c; per dozen \$1.50.

Thos. Meehan Bright pink, upper petals stained orange. Each 15c; per dozen \$1.50.

Triomphe de Nancy Carmine red with white center. Each 15c; per dozen \$1.50.

NOTE—Owing to the fact that the petals of the double flowering types of Geranium fail to clear or drop to the ground, but dry up in the trusses and thereby gives the plant an exceedingly unsightly appearance, we have, with the exception of a few varieties, discontinued the growing of this section of Zonal Geraniums. Singles are far better for bedding, are more floriferous, and the trusses clean nicely. Ivy Geraniums, although mostly double, have not the faulty habit noted in the double type and consequently are equally as good for bedding as the single varieties.

IVY LEAVED GERANIUMS

A collection of the finest varieties in cultivation including many of the newer kinds as well as the better standard sorts. Ivy Leaved Geraniums are particularly adaptable for window boxes on account of their trailing habit, or they may be used in any position where a trailing flowering plant is desired. They are of excellent value for bedding purposes, particularly on banks, terraces, etc.

Carlos Uhden A magnificent variety, quite double and a superb shade of bright rosy scarlet. Each 15c; per dozen \$1.50.

Colonel Baden-Powell Pearly white with blush tints. A remarkable break in this class of geraniums. Flowers of immense size. Each 15c; per dozen \$1.50.

Gingoire A flower of superb size and splendid trusses. Color bright rosy carmine. Each 15c; per dozen \$1.50.

Charles Monselet Deep, rosy red, upper petals nicely marked. Fine large trusses on long, stiff stems. Free grower and very abundant bloomer. Each 15c; per dozen \$1.50.

Howard Smith

Charles Turner The best known of all Ivy Geraniums and for all around purposes one of the most useful. Deep bright rosy pink in color, with very large flowers. When used as a bedder it produces a sheet of color. Each 15c; per dozen \$1.50.

Etincelant One of the finest bright colored Ivy Geraniums ever raised. Color intense orange scarlet. Flowers extra large. Each 15c; per dozen \$1.50.

Incomparable A splendid shade of rosy carmine. Free blooming. Each 15c; per dozen \$1.50.

His Majesty the King Soft rosy scarlet. Very double and of splendid form. Each 15c; per dozen \$1.50.

Leopard A unique variety. Color lavender pink, blotched crimson on the upper petals. Each 15c; per dozen \$1.50.

La Foudre Brilliant orange scarlet. Extra large double blooms. Each 15c; per dozen \$1.50.

Mrs. H. J. Jones Carmine, rose feathered maroon on the upper petals. Each 15c; per dozen \$1.50.

Peladan Bright salmon pink, penciled maroon. Each 15c; per dozen \$1.50.

Ryecroft Surprise A splendid variety for hanging baskcts. Color soft peach pink. Each 15c; per dozen \$1.50.

Sabrina Light scarlet, semi-double and a very free bloomer. Each 15c; per dozen \$1.50.

The Blush Pure white, faintly tinted rose at the center. Each 15c; per dozen \$1.50.

Willy An extra good bright scarlet. Each 15c; per dozen \$1.50.



SINGLE GERANIUM—PAUL CRAMPBELL

This superb sort is easily the best of all single scarlet Geraniums, the individual pips are of great size and perfect form, the trusses immense, the habit of the plant perfect, the intesity of color unsurpassed.

Howard Smith

BULBOUS AND TUBEROUS ROOTED PLANTS

AMARYLLIS

Our magnificent strain of Amaryllis is second to none in this country. Any attempt to describe them, even with the most glowing adjectives, would fail to convey an adequate idea of their surpassing beauty. They range in color from the pure white ground color with its markings of rose, red, etc., to rich orange, scarlet, cherry, bright red, crimson, maroon, mottled, striped, etc. The flowers are flat and spreading with full rounded and overlapping petals. The entire strain bears flowers of enormous size, the blooms averaging from nine to ten inches in diameter with five and six to the single stem. The stems attain a height of three feet, displaying the blooms to great advantage.

These Amaryllis are of easy culture and may be planted in the open border in warm sections of the country. In cold sections grow them in pots. Amaryllis are exceedingly easy to force and bloom within a few weeks after being potted up. These Amaryllis are the result of hybridization between the finest types extending over a period of several years. You cannot purchase better.

Class A First size, selected flowering bulbs which will bloom this Spring. Perfect in color, form, size and substance. Every one a gem. Each \$1.00; per dozen \$10.00.

Class B First size, selected bulbs, full flowering size, not quite as perfect in form and color as the preceding but superior to any other strain on the market. Assorted colors. Each 75c; per dozen \$7.50.

Amaryllis Belladonna Lovely rose pink with lighter colored throat. As this variety loses its foliage before the flower spikes issue forth, care must be taken not to disturb the bulbs at this period. August is the time of flowering. Mammoth bulbs. Each 35c; per dozen \$3.50.

Amaryllis Formosissima An original species, native of Mexico, with narrow reflexed and spreading petals. The color is an intensely rich deep crimson. Each 35c; per dozen \$3.50.

CULTURAL NOTES Plant the bulbs in any good garden soil which has had plenty of rotted manure added and been thoroughly mixed together. Select the bed in any fully exposed, sunny position. Plant them so that the top is even with the surface of the soil. When growth begins give water in sufficient quantities to keep the bed moist at all times. Irrigate, don't sprinkle. When the buds appear a shading of cheese cloth will give highly perfected colors, although not absolutely necessary. In California and other sections of similar climate the bulbs may remain in the same position for three years, after which they may be taken up, divided and reset. In climates where the ground freezes, take up every Autumn and grow as pot plants, or hold dormant until Spring and plant out for later flowering.

GENERAL COLLECTION

AGAPANTHUS

Umbellatus Among the various Summer flowering bulbs there are but few which grow as easily or are more effective in the garden in so far as their bloom is concerned, than well grown clumps of Agapanthus. The variety in question produces a continual succession of strong flower stems each crowned with large umbels of deep blue flowers. Fine strong clumps. Each 50c; per dozen \$5.00.

Medium size plants. Each 35c; per dozen \$3.50.

CALLA LILY

Richardia Aethiopica The well known Lily of the Nile. Strong fine roots. Each 20c; per dozen \$2.00.

Richardia Elliottiana The Golden Calla. Flowers deep golden yellow. Foliage beautifully maculated with white on a green ground. Splendid for summer blooming. Each 35c; per dozen \$3.50.

CYCLAMEN

We grow a large stock in a very choice strain of these well known Winter flowering plants and can supply them in all colors from pure white to deep crimson, including shades of salmon, pink, etc. Extra fine plants from three-inch pots. Each 35c; per dozen \$3.50—five-inch pots, Each 75c; per dozen \$7.50.

ISMENE

Calathina Grandiflora A beautiful free blooming bulbous plant from Brazil and one which is especially adaptable to culture in warm southern climates. The large blooms are intensely fragrant, pure white in color with greenish bands in the base of the throat. The edges of the petals have a fringed outline which greatly enhances the beauty of the blooms. Strong bulbs. Each 35c; per dozen \$3.50.

LYCORIS SQUAMIGERA

A little known bulbous plant, similar in form and color to the Amaryllis Belladonna, but differing from it in its time of bloom. It sends forth in August strong spikes of bloom of a beautiful pink shade. Strong bulbs. Each 35c; per dozen \$3.50.

GLADIOLUS

Remarkable improvement in gladiolus have been made during recent years and numerous fine strains are now obtainable. These have served greatly to increase the culture and demand for these lovely Summer blooming flowers.

H. & S. Prize Mixed Hybrids Under this head we offer you a strain of mixed hybrids of superior quality. Contained in the mixture this season are many new colors with flowers of mammoth size. We do not believe there is anything in the gladiolus line which will equal or surpass them. Extra selected bulbs in a superb mixture of colors. Each 15c; per dozen \$1.50.

Gladiolus America Our bulbs of this season's crop are especially fine. If planted now they will give you during early Spring an abundance of flowers. The blossoms of this variety are large, well expanded, with eight to ten open on a spike at a single time. The color is an exquisite shade of pink. Successive plantings may be made, say three or four weeks apart. By doing this the period during which they will blossom may be extended considerably. Last planting may be made as late as March or April. Extra fine bulbs. Each 10c; per dozen \$1.00.

Mrs. Francis King A fine light scarlet gladiolus of immense size and substance. The blooms open out flat with a large number open on the spike at the same time. As fine a thing in scarlet as America is in pink. Fine bulbs. Each 15c; per dozen \$1.50.

Schwaben Color pale lemon yellow with a dash of red at the base of the throat. An excellent variety for cutting. Large full flowers closely set on spike. It is a gladiolus of recent introduction and without question it is the best in the light yellow section. Price \$1.50 per dozen. \$7.50 per 100.

Halley Beautiful salmon pink. Individual flowers very large and well formed. The plant is a sturdy grower, a very popular market variety. Per dozen \$1.00. \$7.00 per 100.

Mrs. Frank Pendleton One of the most recent introductions in Gladiolus. Blossoms of enormous size. The ground color is rosy pink, shading lighter at the edges. Throat beautifully blotched with deep crimson and maroon, with pencilings of scarlet reaching towards the edges of the petals. Plants vigorous, stems strong and wiry. A very fine cut flower variety. Per dozen \$1.50. \$10.00 per 100.

Howard Smith



AMARCRINUM HOWARDII

Among the various novelties resulting from our work in the cross breeding of plants, we consider this as being easily the most remarkable of our productions. It is a true bi-generic hybrid, of which there are but comparatively few in existence. It is a true cross of *Crinum-Moorei* on *Amaryllis Belladonna*, the latter being the seed-bearing parent.

In our foreword, we mentioned the fact that although the seeds were saved from the *Amaryllis* and fertilized with the pollen of *Crinum-Moorei*, the seedlings are evergreen instead of being deciduous, as is the case with the seed bearing form, the character of *Crinum-Moorei* being manifestly dominant in the cross. Aside from the fact that the cross is in every sense a remarkable one and is truly interesting from a scientific standpoint, the value of this new plant lies in its usefulness as a new bulbous plant for growing in pots or for planting in the open garden. Its beautiful soft pink color, the immense trusses of bloom which it bears, combined with the lasting character of its flowers, place it in a class by itself. Stems four feet long with immense heads of bloom, suitable for vases, etc., are freely produced throughout the summer and autumn months. The tone of soft pink, to be noted in its flowers, is one that is rarely seen and will appeal to everyone. We have a limited stock to offer this season. Price, each \$10.00.



A bed of Iris Jeanne d'Arc at our Rivera Nurseries, a variety of great beauty

IRIS

The collection which we offer below is a very select lot of these hardy blooming plants. Their adaptability to so many different uses places them in the front rank of our hardy garden plants. For the margins of woodland walks, shrubbery borders, wild gardens or near ponds they are unexcelled. They make splendid cut flowers, being equal to the choicest Orchids from point of beauty. For several years we have been gathering together a collection of the new giant flowered hybrids of the pallida type. For these are without question the coming Iris. The plants are of very vigorous growth, characterized by their broad foliage and splendid length of stems. The stems on many of the varieties which we offer below attain a height of four feet and over. In fact we have had Caterina, one of the Sir Michael Foster hybrids, an English raised variety, grow as high as five feet. A representative of our firm traveling through Europe in 1919, gathered together a superb collection of additional varieties which will be sent out when our stock permits.

The ease with which these Iris can be grown and their splendid value, not only as garden plants, but for use as cut flowers, should recommend them to every garden lover. At our Rivera nurseries, we grow them in large checks and doubt if a more magnificent sight can be conceived, than when these Iris are at the height of their glory, during the months of April and May.

A collection of choice new and rare varieties

Alcazar A truly magnificent Iris. Stems of great length. Blossoms of enormous size. Color a wonderful combination of violet, purple and blue. Price 35c each. \$3.50 per dozen.

Amas Medium as to height. Strong sturdy stems surmounted by flowers of a delicate shade of lavender blue. The falls are violet blue. Price 35c each. \$3.50 per dozen.

Archeveque A unique color in this new class of Iris. Standards are a rich shade of reddish purple. Falls dark velvety purple. Price 35c each. \$3.50 per dozen.

Caprice A variety characterized by its immense flowers and vigorous growth. Color a pure shade of violet blue. Highly recommended. Price 35c each. \$3.50 per dozen.

Caterina This superb variety is unquestionably one of the handsomest of all Iris. It is a giant, not only in height but also in the mammoth size of its blossoms. It attains a height of four to five feet. The stems are long and much branched, bearing as many as six and eight flowers, at a single time. The color is an exquisite shade of pure lavender blue, the color being uniform in both the standards and falls. Price 35c each. \$3.50 per dozen.

Cherubim This new Iris has standards of a distinct shade of lavender. Falls lavender veined with white. Price 50c each. \$5.00 per dozen.

Candelabre A grand variety with stems heavily branched. Flowers medium as to size. In color a lovely shade of pale blue, veined and marked with purple. Price 50c each. Per dozen \$5.00.

El Dorado One of the greatest advances as to color, in these new hybrids. A tall grower with very large flowers. The ground color is brownish yellow, overlaid with blue. Remarkably fine variety. Price 35c each. \$3.50 per dozen.

Jeanne D'Arc One of the daintiest Iris in existence. The ground color is pure white, both in standards and falls, with pencilings of light blue over the entire surface of the petals. This variety is a remarkably free bloomer, and equal to the finest orchid in point of beauty. It is a variety which we highly recommend and no collection of Iris could be considered complete without it. Price 35c each. \$3.50 per dozen.

Loute Height medium. Flowers borne on stout sturdy stems very large as to size. Standards pale lilac, falls deep blue. Price 35c each. \$3.50 per dozen.

Howard Smith

Oriflamme Very large flowers. Standards clear light blue. Falls rich lavender purple. Very fine. Price 35c each. \$3.50 per dozen.

Parisiana A distinct advance, by way of color, in these new Iris. The standards are mottled lavender pink. Falls creamy white, with a suffusion of pink. A scarce and high priced sort. Price 50c each. \$5.00 per dozen.

Nuee D'Orage A strikingly beautiful variety. Standards are a peculiar shade of grayish lavender. Falls bronze and purple. Blossoms of extra size. Very fine. Price 35c each. \$3.50 per dozen.

Tamerlane This variety bears flowers of phenomenal size. Well poised on thick heavy stems. Standards bright blue. Falls deep purple. Price 35c each. \$3.50 per dozen.

Prosper Laugier One of the most magnificent of all the new hybrids in the pallida type. The plant is a strong grower and a free bloomer. The color of the blossoms is unique and quite different to any other Iris to be noted in this set. Standards are light bronzy red, the falls are rich velvety maroon. The effect of the color of the falls being greatly enlivened by a distinct and heavy orange beard. A sort that should be in every garden. Price 35c each. \$3.50 per dozen.

Victoria Louise Medium as to height. Standards pale sulphur yellow. Falls rich plum color, shading to cream at the edges. Splendid combination of colors. 35c each. \$2.50 per dozen.

INTERMEDIATE IRIS

This set is distinct from the above, in that the plants are somewhat lower in their growth and the fact that they flower a few weeks earlier than the varieties of the pallida type.

Ingeborg Pure white flowers of extra size. Elegant as to form. Price 25c each. \$2.50 per dozen.

Halfdan Standards and falls cream white. A distinct and meritorious sort. Price 25c each. \$2.50 per dozen.

Golden Fleece. Strikingly beautiful. Light yellow flowers. Blooming height about 18 inches. Very fine. Price 25c each. \$2.50 per dozen.

Lohengrin Blossoms of immense size. The color deep rich mauve. Price 35c each. \$3.50 per dozen.

Mrs. Reuthe A very free blooming early flowered variety. Standards and falls a delicate lavender blue. Extra choice. Price 35c each. \$3.50 per dozen.

Walhalla Standards lavender. Falls wine red. 25c each. \$2.50 per dozen.

Zephyr Color lavender blue, blossoms of medium size only. What they lack in size, however, is more than made up for their profusion of bloom. Price 35c each. \$3.50 per dozen.

JAPANESE IRIS

The latest introductions from Japan in this magnificent class of iris are marvels of beauty. The flowers often reach a diameter of ten inches, and the colors and combinations of delicate shades in both single and double forms simply baffle description. Although they are among the easiest of all Iris to bring to a state of perfection both as regards quality of bloom, height of growth, etc., we doubt if more failures occur in growing any plants than with these. This is simply due to lack of understanding regarding their requirements, and a careful reading of the cultural notes appended will be of service to our customers in securing the best results obtainable.

Our collection comprises over fifty of the very finest varieties in existence. The clumps which we offer are grown at our Rivera bulb fields and are models of health and vigor. We offer you an unsurpassed collection of about fifty varieties, double and single blossoms, all colors mixed. Large clumps. Each 50c; per dozen \$5.00.

Second size clumps. Each 35c; per dozen \$3.50.

CULTURAL NOTE Select a plot of ground of suitable size for the number of clumps to be planted, allowing a minimum distance between the clumps of eighteen inches. Spade this over thoroughly to a depth of twelve inches, breaking all lumps, removing all stones, etc. Cover this with three inches of rotted cow manure, spade in and respaide several times to thoroughly incorporate the manure,

Section off into beds four feet wide and as long as required with a path between, say of eighteen inches. Rake to a ridge four inches in height at the edges, so that the interior portion may be flooded with water, plant the clumps the distance above specified and cover the crown three inches deep. After planting flood with water, the beds if made perfectly level with good ridges at the edges, will hold water to a depth of three inches. After the first soaking give water in moderate amounts only until the growth begins. When the plants attain a height of six to eight inches they should be kept constantly wet. During the growing season give two or three mulchings of well rotted manure. This, through the flooding method, provides them with the equivalent of liquid manure and tends to increase the height of the stems and beauty of the bloom. If the weather is hot a lath shading placed over the beds at a height of seven feet (the lath nailed to strips three-quarters of an inch apart) tends to lengthen the blooming period and betters the quality of the flowers.

TUBEROSES

Well known and universally admired for their pretty spikes of waxy white and deliciously scented flowers. We offer you splendid roots of these ready for delivery from December on. Each 15c; per dozen \$1.50.



NEW SEEDLING GLADIO LUS AT OUR NURSERIES

HERBACEOUS AND PERENNIAL FLOWERING PLANTS

There are but few plants more popular today than that section usually classed under this heading. The value of Perennials, both hardy and tender, for planting in borders, beds, etc., is well recognized. Properly arranged herbaceous borders are a thing of beauty at practically all seasons of the year, and if the beds are properly prepared each succeeding season show an increased display of color. The collection which we offer you, while not a large one, contains a list of some of the best subjects adaptable for this work.

ACANTHUS

Mollis A handsome flowering plant for herbaceous borders, with large spikes of bright rose-colored flowers. Leaves broad, dark glossy green in color, handsomely notched on the edges. Height four feet Each 35c; per dozen \$3.50.

AGATHEA

Coelestis Commonly known as the Blue Marguerite. A charming old-fashioned plant which blooms continuously throughout a long period. Dwarf in habit. A splendid border plant for large beds. Each 15c; per dozen \$1.50.

AGERATUM

Princess Pauline A particularly beautiful variety. Body of flower pure white while numerous anthers are of delicate sky blue. Rarely exceeds eight inches in height, and is an excellent bedding or border plant. Strong plants from two-inch pots. Each 10c; per dozen \$1.00.

ANCHUSA

Italica (Dropmore Variety) A recent and noteworthy addition to the list of hardy plants. Does best in partial shade. Flower stems attain a height of six feet. The flowers are a superb shade of pale blue, not unlike a giant For-Get-Me-Not. Extra fine stock. Each 35c; per dozen \$3.50.

ASTERS (PERENNIAL)

There is a large and growing demand for the various types of Perennial Aster. Their dainty, starry flowers and the wonderful profusion with which they are produced makes them striking subjects for flower borders, besides which they are of great value for mixing with bouquets, etc. We offer you a few of the best.

Beauty of Cornwall A handsome double flowered light blue variety. Extra fine. Each 20c; per dozen \$2.00.

Abendrothe An exceedingly choice sort with exquisite sky blue flowers. Each 20c; per dozen \$2.00.

Climax This is unquestionably one of the greatest additions to the list of Michaelmas Daisies or Perennial Aster ever made. The plants are of strong vigorous habit and the flower stems are covered with large, light blue lavender flowers. These attain a diameter of one and a half inches or more. An exquisite variety for cutting purposes. Each 35c; per dozen \$3.50.

Feltham Blue Handsome light blue flowers produced in dense masses. Each 25c; per dozen \$2.50.

White Queen A superb white Perennial Aster. Produces great masses of starry white flowers. Each 20c; per dozen \$2.00.



Howard & Smith

BEGONIAS Fibrous Rooted Varieties

A splendid selection of begonias comprising many sorts that vary in character both as regards height, type of bloom, etc. This class of begonias is wonderfully effective when used in shady beds in conjunction with ferns and are equally adaptable for use in rock gardens. In general they are tender subjects and will not withstand much frost. They should be planted in a well-prepared soil and one which contains plenty of humus.

Ascoensis An elegant free flowering begonia of the Fuchsiodes type which blossoms profusely throughout the entire year. Flowers a peculiar shade of Indian red in color. Very handsome. Each 35c.

Argentea Guttata A beautiful variety with all of the leaves dotted with silvery white spots on a purplish bronze ground, with underneath portion of the leaves a rich coppery red. Does particularly well in open beds in a shady position. Each 35c.

Fuchsiodes An elegant type with pendulous branches and deep rose pink flowers. Very suitable for extremely shaded locations. Each 35c.

Haageana One of the most noteworthy varieties in our collection. Foliage large, silvery white on the upper surface, dark red underneath. Blossoms very large. Color white daintily stained with rosy pink. A very fine sort. Strong four-inch pot plants. Each 35c.

Lucerne A very tall growing variety. Produces enormous canes which attain a height of six to seven feet. Flowers are borne in immense panicles. The individual flowers are large and of a superb shade of deep rosy pink. One of the best of all tree begonias. Strong plants in four-inch pots. Each 50c.

President Carnot This beautiful begonia is the parent of most of our best tree begonias. A very vigorous grower with handsome foliage and enormous panicles of deep rose colored blossoms. A magnificent variety. Strong plants. Each 50c.

Extra large specimens, five to six feet high. Each \$4.00.

Rubra A very rapid grower and when fully developed it is covered from top to bottom with medium size panicles of bright scarlet blooms. Foliage bright green in color and quite smooth. Makes a splendid specimen as a pot plant. Strong four-inch pot plants. Each 35c.

H. & S. Mixed Hybrid Tree Begonias A new race of begonias resulting from crosses between *Begonia Rubra* and *Lucerne*. The plants have the same tall character of growth as that noted in the variety *Lucerne*, but the panicles of bloom occur in a wide assortment of colors from almost pure white to deep rose, including apple blossom, pink, etc. This new class is of great value for cutting purposes. Each 25c.

BEGONIA SEMPERFLORENS

The varieties of this type produce elegant effects planted on the margins of beds as a setting to taller plants, and throughout the year are a veritable mass of color. For low bedding purposes they excel all other sorts. They attain a height of about ten inches.

THREE VERY FINE VARIETIES

Gracilis Alba Pure white with large waxy flowers. It combines dwarfness with an excellent compact habit. Each 15c; per dozen \$1.50.

Gracilis Luminosa Bronze foliage with rich crimson colored flowers. A lovely variety. Each 15c; per dozen \$1.50.

Gracilis Rosea Clear waxy pink. A very fine companion to the above. Each 15c; per dozen \$1.50.

CANTERBURY BELLS

These charming old-fashioned plants are favorites with all and are among the most beautiful of our Spring flowers. They may be flowered in pots and when so grown are extremely pretty, their large, bell-shaped flowers showing to great advantage. We can supply these in a very high-class strain of the true cup and saucer type in all colors, including pure white, rose, blue, etc. Strong plants from three-inch pots. Each 15c; per dozen \$1.50.

CHAENOSTOMA

Hispida A dainty dwarf border plant. Ideal for rockery work. Attains a height of six to ten inches. Foliage small, plants covered with minute white flowers throughout the year. Each 15c; per dozen \$1.50.

AQUILEGIA (COLUMBINE)

Hybrids of Coerulea The value of Columbines for bedding purposes, their beauty as cut flowers and their hardiness recommend them as one of the most useful of all perennial plants. We grow these by the thousand every year. Our strain is of the best long, spurred type and contains all shades from pure white to deep purple, including yellow, rose, red, pink, etc. Extra strong, field-grown clumps. Each 35c; per dozen \$3.50. 2 inch pots, each 15c; per dozen \$1.50.

COREOPSIS

Grandiflora A splendid plant for cut flower purposes, being covered for the greater portion of the year with endless quantities of golden blooms two or three inches across. Fine strong plants. Each 15c; per dozen \$1.50.

CUPHEA

Platycntra A compact bushy plant bearing quantities of small tubular flowers, the lower part of which are bright scarlet merging to maroon and white at the tips. A splendid bedding plant, as it blooms incessantly. Requires a warm sunny position. Each 15c; per dozen \$1.50.

Hyssopifolia A comparatively little known border plant, but one of great beauty and worth. It equals boxwood as an edging plant and has the additional advantage of being constantly in bloom. The flowers are minute in size and in color a distinct shade of violet blue. Strong young plants from two-inch pots. Each 15c; per dozen \$1.50; per 100 \$10.00.

Hookeriana A superb Cuphea. One which is but little known. It produces dense panicles of flowers and attains a height of two to three feet. A novel and striking plant. Color vermillion and orange. Extra strong stock. Each 35c; per dozen \$3.50.

PERENNIAL LARKSPUR (DELPHINIUMS)

Our strain of Delphiniums contains a wide selection of all the best shades of blue, ranging from the palest sky blue to indigo, sapphire, dark blue and purple. For producing a fine mass of blue Delphiniums are unequalled, and the fact that with the return of each season there is an increased quantity of bloom and added wealth of color has made them popular in gardens everywhere.

The clumps which we offer you are fine two-year-old stock which, if planted out early in the Spring, may be depended upon to give a wonderful show of color during the following Summer season.

H. & S. Prize Mixed (Elatum Type) These are the tall growing Delphiniums with immense spikes of bloom which often attain a height of six to seven feet. They comprise a wonderful range of colors from palest to darkest blue, etc., with beautiful single and double forms of flowers. Fine strong clumps. Each 35c; per dozen \$3.50.

Belladonna This beautiful Delphinium is unquestionably one of the most useful of all. It is quite distinct in character of growth from the preceding, being of a much dwarfer growth and of a much freer branching habit. It produces an uninterrupted show of bloom throughout the entire season. The stems are thin and wiry, the blooms quite large and beautifully poised on well arranged spikes. We can offer these in two shades —sky blue or dark blue.

Strong one-year clumps. Each 35c; per dozen \$3.50.

GYPSOPHILA

Paniculata This handsome Gypsophila is the variety which is commonly used by florists for mixing with bouquets, etc. The plant attains a height of two to three feet, are much branched and covered in the Spring with innumerable minute pure white flowers. This variety is often referred to as Baby's Breath. Strong one-year clumps. Each 20c; per dozen \$2.00.



GERBERA (TRANSVAAL DAISY)

New French Hybrids These handsome Gerberas are the result of crosses between the white South African variety and the well-known scarlet variety Jamesonii. The strain contains all colors from purest white to deepest crimson with intermediate shades of orange, yellow, pink, salmon, etc. Gerberas flower without intermission from early Spring to late Autumn. The flowers are borne on stiff wiry stems. They are splendid for cutting purposes, retaining their beauty in a cut state for over a week. Extra fine clumps of blooming size. Each 35c; per dozen \$3.50.

Howard Smith

GAZANIAS

A splendid class of half-hardy plants growing only three to four inches in height and covered with flowers two to three inches in diameter. The following are two of the best:

Aurantiaca Yellow Beautiful pale yellow flowers. Each 15c; per dozen \$1.25.

Aurantiaca Orange Similar to the above, but bright orange colored flowers. Each 15c; per dozen \$1.25.

HELIANTHUS (Perennial Sunflower)

We offer you three of the best perennial varieties. During their season the plants are a mass of golden yellow flowers, for color effects in the garden or for use as cut flowers these are extremely valuable. They delight in a good rich soil with plenty of water and full sun.

Maximus Covered with innumerable golden yellow flowers. For a color effect in the garden this variety is unsurpassed. It blooms from June until September. Also splendid for cut flowers. Each 20c; per dozen \$2.00.

Meteor Similar to the above in foliage and height, but different in the shape of the flowers, the guard petals being somewhat wider. Each 20c; per dozen \$2.00.

Miss Mellish A lovely single variety of cactus-shaped blooms produced on stems six to eight feet high. An excellent variety for cut flower purposes. Each 20c; per dozen \$2.00.

HELENIUM

Autumnale Rubrum A very desirable border plant, succeeding well in any soil in a sunny location. It has broad spreading heads of flowers and is exceedingly graceful. Of splendid value for cutting purposes. Blooms in August and September. Color a bright terra-cotta red. Each 20c; per dozen \$2.00.

HEMEROCALLIS (JAPANESE DAY LILY)

For the margin of ponds or for planting in the open border these lovely Japanese plants are of especial value. They form dense tufts of long narrow foliage surmounted by large trumpet-shaped blooms. They are of perennial duration and require but little care beyond watering.

FIVE VERY FINE VARIETIES

Aurantiaca Enormous flowers, very sweetly scented. Color bright golden yellow. Each 35c; per dozen \$3.50.

Aurantiaca Major An improvement on Aurantiacas. The largest flowered variety in the family. Color rich orange. Each 50c; per dozen \$5.00.

Florham A pure light yellow variety with medium size flowers. Blooms continuously from April to November. This variety is of especial value for herbaceous borders. Each 35c; per dozen \$3.50.

Sovereign A medium shade of yellow. Blossoms of good size and freely produced. Each 35c; per dozen \$3.50.

Thunbergii A late flowering sort. Blossoms are quite small, borne on slender stems. Color a delicate shade of lemon yellow. Very sweetly scented. A veritable gem for rock work or for beds and borders. Each 35c; per dozen \$3.50.

HOLLYHOCKS

The varieties which we offer have been carefully selected from our own prize collection. The flowers are of immense size, perfectly double and well arranged on tall handsome spikes. We can supply them in the following colors: Pure white, yellow, rose, shell pink, dark crimson and cherry red. The clumps which we offer this season are strong one-year stock which, if planted early in the Spring, may be depended upon to produce a glorious display during the following Summer. Extra strong clumps. Each 35c; per dozen \$3.50.

JACOBINIA

Coccinea A pretty plant with dark green leaves, which attains a height of about five feet. It produces spikes of brilliant scarlet colored flowers, and is of splendid effect in herbaceous borders. Fine strong pot plants. Each 50c; per dozen \$5.00.

LEONOTIS

Leonurus An elegant half-hardy perennial, brilliant orange colored flowers. The plant is relatively referred to as "Lion's Tail." Extra strong plants from three-inch pots. Each 35c.

Strong bushy stock. Each 50c.

LIBONIA

Floribunda An exceedingly pretty dwarf evergreen plant, bearing numerous scarlet flowers, tubular in shape, and produced in endless quantities throughout the year. Highly ornamental as a bedding plant aside from its value in the herbaceous border. Strong young plants. Each 20c; per dozen \$2.00.

LOPEZIA

One of the daintiest subjects for Winter flowering in the whole range of blooming plants. The flowers are quite small but borne in such profusion as to completely cover the plants.

Albiflora A pure white variety. Each 20c; per dozen \$2.00.

Rosea A pure rose pink colored variety. Each 20c; per dozen \$2.00.

MARGUERITES

These well known plants are favorites with all. They are of great value for border decoration, for planting along the margins of drives, etc. They bloom throughout the year in California and require but little care.

Mrs. Fred Sanders The finest of all double Marguerites. Produces large quantities of double, snowy white flowers. Strong plants. Each 25c; per dozen \$2.50.

Giant Yellow A splendid deep golden yellow Marguerite. Flowers single. Fine for cutting purposes. Each 20c; per dozen \$2.00.

PAPAVER

Orientalis A grand strain of choice mixed hybrids of the giant Oriental Poppy. These poppies constitute one of the most magnificent of perennial plants. The flowers in some of the larger blooming types attain a diameter of ten inches and over. The colors are intensely rich and vivid. If well cared for the flower stems attain a height of three to four feet. They require high culture. Strong one-year clumps. Each 35c; per dozen \$3.50.

PENSTEMONS

Sensation A superb collection of Penstemons with large gloxinia-like flowers in all colors from pure white to darkest crimson with intervening shades of pink, scarlet, purple, rose, etc. Many of the blossoms are beautifully mottled and penciled in the throat. Strong plants from two-inch pots. Each 20c; per dozen \$2.00.

PETUNIAS

Giant Single Fringed A lovely strain of large flowering compact growing bedding petunias. All colors are included from lightest to darkest. Extra choice. Each 15c; per dozen \$1.50.

NEW BALCONY PETUNIAS

A grand new strain of bedding petunias. For mass color effect in the garden they can scarcely be equalled. The plants bloom in prodigal profusion. The blossoms are of medium size, the colors are distinct and beautiful.

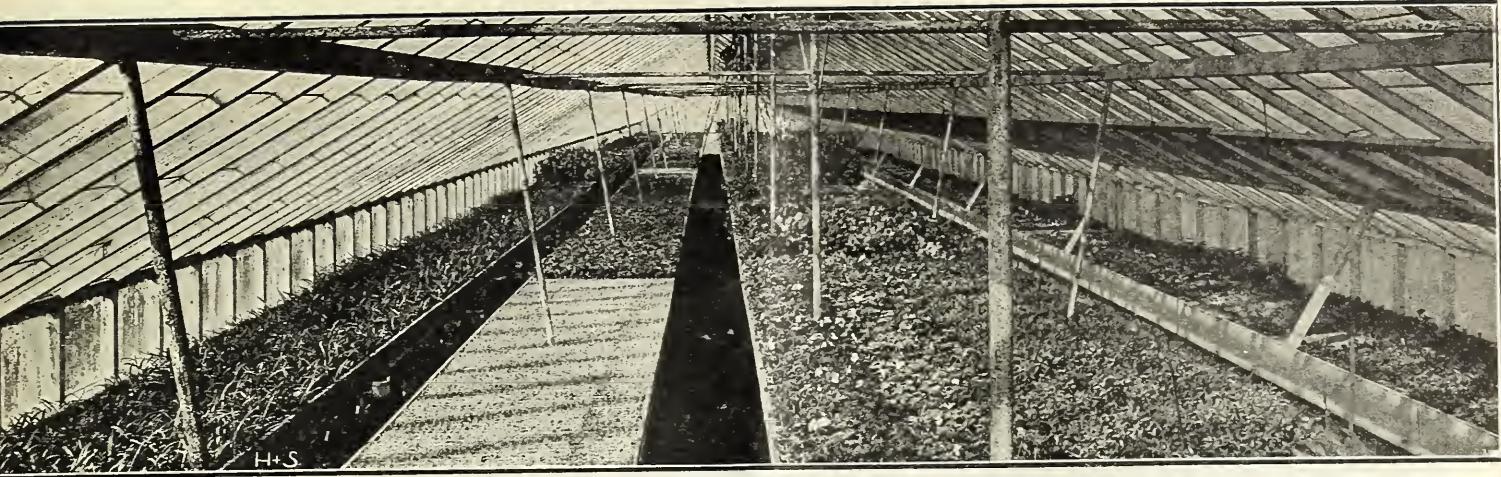
Balcony Rose A superb petunia with bright rose colored flowers. Exquisite color effects can be produced with this petunia. It is ideal for park ways or for window boxes. Each 15c; per dozen \$1.50.

Balcony Red An elegant shade of carmine crimson. The flowers are identical in shape with the preceding. Each 15c; per dozen \$1.50.

Balcony White A superb pure white form in this new class of petunias. Each 15c; per dozen \$1.50.

PRIMULA

Malacoides A striking primrose introduced from China several years ago. The flowers are borne around the central stem in dense whorls with several whorls to each stem. This lovely primrose is of great value for shady rockery planting, ferneries, etc. It blooms without intermission throughout the year. Strong plants from two-inch pots. Each 15c; per dozen \$1.50.



ONE OF OUR PROPAGATING HOUSES AT MONTEBELLO

PYRETHRUM

Roseum A splendid class of Winter blooming perennials, with large Marguerite-like flowers produced on strong wiry stems. Our strain includes all the colors from pure white to dark crimson, including rose, pink, etc. The foliage is fern like and the plants are quite hardy. They bloom at a time when flowers are exceedingly scarce in the garden. Strong young plants from pots in a strain of superb quality. Each 20c; per dozen \$2.00.

RUDBECKIA

Golden Glow A well known hardy perennial plant, producing during the late Summer and Autumn months immense quantities of beautiful golden yellow dahlia-like flowers. The plants attain a height of six to seven feet. Splendid for cutting purposes. Strong divisions. Each 20c; per dozen \$2.00.

RUSSELLIA

Lemoinei Multiflora A lovely plant for baskets on account of its drooping habit. The small wiry stems are covered with small tubular coral red flowers. Extra strong plants in pots. Each 25c; per dozen \$2.50.

SAXAFRACA

Sarmentosa A fine trailing species. The stems have a reddish cast with green and white variegations on the upper surface of the foliage. An ideal plant for hanging baskets, or as a ground cover in shady beds. Each 15c; per dozen \$1.50.

SEDM

Spectabilis Showy sedum with thick, fleshy leaves and large heads of rich rosy crimson flowers. The flower stem attains a height of some eighteen inches. A unique rock or border plant. Each 50c; per dozen \$5.00.

SHASTA DAISY

Alaska A dainty pure white Shasta Daisy with large beautifully formed single flowers. This variety is unquestionably one of the best of all Shasta Daisies for cut flower purposes. Fine strong pot grown stock. Each 15c; per dozen \$1.50.

SALVIA

Fireball A bedding salvia of splendid dwarf habit, bearing quantities of brilliant scarlet flowers throughout the Summer and Autumn months. Each 15c; per dozen \$1.50.

Pulchella A tall growing variety bearing pretty red flowers during the Summer months. The flowers are quite small and abundantly produced. Plants attain a height of five feet. Each 25c; per dozen \$2.50.

Leucantha An exquisite species suitable for herbaceous borders. Flowers are a beautiful violet purple and white and are borne in profusion from August to December. An ideal variety for cutting purposes. Strong plants from pots. Each 25c; per dozen \$2.50.

Rutilans A variety of perennial duration, attaining a height of five feet, bearing an abundance of scarlet flowers late in the Fall. The foliage of this variety has a decided apple-like odor. Fine strong plants. Each 35c; per dozen \$3.50.

SOLIDAGO

Patula A variety of the common Eastern golden rod. The clumps are of perennial duration, increasing in size and vigor year after year. This variety is of particular value for mixing with cut flowers. Each 20c; per dozen \$2.00.

STATICE

Arborea A tree-like species of Statice, which attains a height of some four feet. The flowers are a magnificent shade of violet blue, thick set in a truss that attains a diameter of eighteen inches or over. Aside from its value as a cut flower, a specimen in bloom in the garden is one of the most striking of all plants. Strong young plants from two and one-half-inch pots. Each 25c; per dozen \$2.50.

Latifolia The great sea lavender. Leaves long and broad forming a low growing tufted, rosette-shaped plant. From the center issues a much branched growth, completely covered with dainty pale blue flowers. A very valuable plant for bouquet work. Strong plants from two inch-pots. Each 25c; per dozen \$2.50.

NEW PERENNIAL HARDY FLOWERING PINKS

There have been but few novelties introduced in recent years more useful or beautiful than these superb new hardy Pinks from England. They are the result of crosses between the ordinary hot-house carnations and the small border pink. The flowers are intermediate in size between the carnation and the border variety. These pinks have a delightful clove fragrance. They are dwarf compact growers and blossom freely at all times of the year. A bunch of the cut flowers will scent a whole room, the fragrance being far stronger than that to be noted in any carnation. We can unhesitatingly recommend these beautiful new pinks to all of our customers. We offer them in four beautiful varieties.

Harold A beautiful deeply fringed, pure white flower with intense odor. Splendid for cutting.

Mary Pale rose pink with maroon colored center. An exquisite combination of colors. Very fragrant.

Phyllis Pale pink with maroon colored center.

Robert A very large flower. Ground color is old rose with a deep maroon colored center.

Price of any of the above, strong balled plants from the field, blooming size. Each 50c; per dozen \$5.00.

Young plants from two-inch pots, ready March 15th. Each 25c; per dozen \$2.50.

*Howard Smith***TRADESCANTIA**

Variegata A handsome foliage plant, the leaves of which are marked with creamy white. Can be grown in water for house decoration. Also available for wall pockets, hanging baskets, etc. Each 15c; per dozen \$1.50.

Zebrina A handsome variety with distinct bronzy red foliage. Each 15c; per dozen \$1.50.

TRITOMAS

For Summer and Fall blooming there are few plants more stately in appearance than well grown clumps of Tritomas. Their large, torch-like spikes of bloom reaching up to a height of six feet, and fine grassy foliage makes them conspicuous objects in the garden. They associate well with the various grasses, cannas, etc., in jungle effects, and do splendidly on the margins of artificial water courses and ponds. Once planted they increase in beauty each season, and require nothing more than plenty of water, any good garden soil and plenty of manure.

Chrysanthia Bright lemon yellow. Four to five feet high. Each 35c; per dozen \$3.50.

Henry A. Dreer An extremely large flowered, tall growing sort. Bright orange in color. Each 50c; per dozen \$5.00.

Pfitzerii A constant blooming variety with spikes four feet in height. Orange scarlet in color. Each 35c; per dozen \$3.50.

Quartiniana A giant variety that attains a height of six feet or over. The color is orange red and yellow. Each 50c; per dozen \$5.00.

R. Wilson Kerr Bright orange scarlet with large spikes. Each 35c; per dozen \$3.50.

Rufus Medium in growth. Chrome yellow passing to light yellow. Each 35c; per dozen \$3.50.

Star of Baden-Baden Broad heavy foliage and magnificent spikes of light orange and scarlet flowers. Each 35c; per dozen \$3.50.

VIOLETS

Princess of Wales The largest single violet in cultivation. Deliciously fragrant. Each 10c; per dozen \$1.00.

Marie Louise Large double blue flowers. Intensely fragrant and very free. Each 15c; per dozen \$1.50.

Swanley White A perfectly double, pure white variety. Each 15c; per dozen \$1.50.

Undine Light double blue. Very free flowering. Each 15c; per dozen \$1.50.

VINES

We grow an enormous quantity of Vines in both the hardy, half hardy and tender sorts. The plants are all splendid pot grown specimens which, when transplanted to your garden, will give you quick results. In general the most of them are grown in either four or five-inch pots and usually cover three-foot stakes. The plants are from one year to eighteen months old and have been grown with the greatest of care. In some instances we can supply smaller sizes than those offered below, but generally speaking, the plants quoted will give the best results.

CHOICE HARDY VARIETIES

A selection of such varieties as will withstand both extremes of heat and cold.

BIGNONIA

Grandiflora An exceptionally hardy variety bearing myriads of deep orange colored flowers. A free bloomer and rapid grower. Each \$1.00.

HEDERA (Ivy)

Argentea Marginata One of the handsomest of all variegated Ivies. The leaves have a green ground beautifully margined white. Each 50c.

Denticulata Variegata A giant leaved form, the leaves being prettily marbled with white and yellow on a deep green ground. Extra fine grafted plants of this handsomest of all variegated Ivies. Each \$1.00.

Chrysocarpa The foliage of this beautiful Ivy is quite distinct in form from the ordinary English type, the leaves being lobed. Splendid for clinging to wood or stone. Each 50c.

Marmorata A very distinct, ornamental foliage variety, the surface of the leaves being beautifully marbled white on a green ground. Each 50c.

VITIS

Henryana A most noteworthy addition to the list of hardy climbing plants. The handsome foliage is deeply notched, bronzy purple in color with distinct veinings and markings of white. Closely allied to the Boston Ivy and equally adaptable for covering walls, chimneys, etc., the shoots being self-supporting. Strong plants. Each 75c.

HALF HARDY AND TENDER VARIETIES**ANEMOPAEGMA**

Purpureum A beautiful tropical vine, closely allied to the Bignonias. The flowers are reddish purple in color and about one inch across. In warm sections a fine vine for trellises, pergolas, etc. Each 75c.

ANTIGNON

Leptopus An exceedingly handsome vine, native to Mexico. It bears numerous racemes of deep rose colored flowers. A climber of superlative beauty. Each 75c.

BIGNONIAS

These are for the most part natives to tropical America, and will only thrive in a warm sunny position in the garden. They will not grow in localities where the temperature falls more than six degrees below freezing. Where greenhouses are available they make handsome subjects for conservatory decoration.

Chereri A superb variety with long trumpet-shaped flowers, three inches across. Color rich orange scarlet. Superb evergreen foliage. An exceedingly rapid grower. Each 75c.

Speciosa One of the handsomest of all Bignonias. Blossoms tubular in shape, one or two inches in diameter. Color a beautiful shade of violet mauve with lighter colored throat. Flowers borne in dense clusters at the axils of the leaves. Very rare. Each \$1.00.

Tweediana A small leaved species of clinging habit. Very desirable for covering walls, trellises, etc. Covered during Spring with quantities of canary yellow blossoms. Each 75c.

Venusta Undoubtedly one of the handsomest of the entire family. A mid-winter bloomer producing enormous clusters of long tubular blooms, rich orange in color. Each 75c.

Violacea With bright glossy green leaves characteristic of so many tropical plants, and deep violet purple flowers two inches across. Vines literally smothered with flowers, during its blooming season. Each 75c.



EICHLING'S NEW WHITE ANTIGONON

This elegant new climbing vine will undoubtedly prove one of the best additions to our list of climbing plants offered in recent years. It is a seedling sport from the well-known pink form *Antigonon Leptopus*, a native of Mexico. The blooms are exactly similar to the pink flowered form but a beautiful pure white. The plant is a rampant grower and bears during the summer and fall months dense masses of its lovely pure white sprays. Aside from its value as a flowering decorative vine, it is easily one of the prettiest things we know of for use in conjunction with cut flower arrangements in vases, baskets, etc.

This *Antigonon* will prove of great value for the warmer sections of the country including the Pacific slope, Arizona, Texas, New Mexico, and the South. The plants grow with great rapidity and form elegant blooming specimens the first season after being planted. The stock which we offer has been grown from cuttings taken from the original plant, as it does not reproduce itself true from seed.

Strong pot grown plants ready May first each \$1.00, per dozen \$10.00.

Howard Smith

VINES, HALF HARDY AND TENDER VARIETIES

BOUGAINVILLEAS

We grow a large stock of these useful climbing plants now so much used in the warmer parts of the United States. Like Bignonias they are at their best during mid-winter. They require a hot sunny position. Once established they grow with a minimum amount of water. They are also particularly valuable for flowering in pots under glass, and make handsome subjects for interior decoration.

Cyperi A distinct variety with large flowers. Color rosy purple. Each 75c.

Glabra Sanderiana The most prolific blooming variety of all the species. It commences to flower when only a few inches high and blooms without intermission throughout the year. The bracts are a light carmine purple in color. Each 75c.

Maud Chatteburgh A handsome new bougainvillea with deep royal purple colored bracts. This variety is one of exceptional vigor. It is remarkable alike for the enormous trusses of bloom which the plants throw and the color, which has none of the objectionable magenta shades to be noted in some of the species. The large blooming stock plants at our nurseries have elicited the admiration of all visitors. We can thoroughly recommend this variety to every one. Strong plants from three inch pots. Each \$1.50.

Panama A sterling novelty in bougainvilleas and one which we feel quite certain, when it becomes better known, will be in great demand. It has a color which is quite new in this class of vines, being a rich vermillion crimson. For Southern California and any other frostless sections of the country this superb variety will undoubtedly prove a great acquisition to gardens. It flowers quite as freely as the variety *Glabra Sanderiana*, and when in full bloom the plants are a glorious sight to behold. We have only a limited stock of this variety to offer this season. Fine strong plants. Each \$3.50.

Braziliensis A very free growing bougainvillea with bright glossy green foliage and immense trusses of beautiful carmine rose flowers. The color of this variety is very distinct and the plants blossom almost without intermission throughout the year. Like all other varieties of bougainvilleas it is only suitable for warm sections of the country. Highly recommended. Strong plants from three-inch pots. Each \$1.00.

Spectabilis A giant flowering bougainvillea. The bracts are produced in immense heads and are a deep glowing purple in color. One of the very best. Strong plants from four-inch pots. Each \$1.00.

HONEYSUCKLE

These old-fashioned climbing plants are favorites with everyone. The flowers are delicately perfumed; a plant in full bloom scents the whole surrounding area. The following are four of the best.

Common Sweet Scented Young plants. Each 15c.
From four-inch pots. Each 35c.

Gigantea With very large foliage and large clusters of creamy yellow flowers. Each 35c.

Scarlet Flowered Blooms deep scarlet, with orange and yellow shadings. Foliage deep green, silvery on the under side. Each 35c.

Variegated Foliage beautifully splashed with golden yellow. A very ornamental vine. Strong plants from four-inch pots. Each 35c.

FICUS

Repens One of the most ornamental of climbing foliage plants. It fastens itself to stone or brick buildings by means of its aerial roots and makes a dense mat of small dark green leaves. It retains its foliage at all seasons. Strong plants from three-inch pots. Each 25c; per dozen \$2.50.

JASMINE

Azoricum A rare species with clusters of pure white star-shaped flowers and large handsome foliage. Each 75c.

Ligustrifolium A rare and beautiful species with small starry flowers. These are intensely fragrant and produced in large numbers during early Summer. Each 75c.

Officinalis Sweetly scented, pure white, star shaped blossoms. A vigorous growing climber. Each 75c.

Primulinum A magnificent golden yellow jasmine from the Orient. Flowers over two inches in diameter, rich golden yellow in color. An exceedingly rapid grower and is fairly hardy. Each 75c.

Revolutum A semi-climber with fragrant golden yellow flowers. A very popular vine. Each 75c.



Scarlet Flowering Honeysuckle

KENNEDYA

A group of plants native to Australia and of superlative merit for California gardens. The flowers are pea-shaped, small in size, borne in great quantities throughout the Winter and early Spring. There is grace and beauty about these vines of a most exceptional character.

Alba Beautiful white. Each 75c.
Rosea Lavender rose. Each 75c.

MANDEVILLEA

Suaveolens This lovely climbing plant is a native to South America. It will stand several degrees of frost without injury. The flowers are two inches in diameter, intensely fragrant, and are borne in great profusion. This vine is sometimes called the Chilean Jasmine. Each 75c.

MUEHLENBECKIA (MAIDEN HAIR VINE)

Complexa A graceful plant with minute round leaves and slender wire-like stems. For covering the posts of pergolas, etc., it is valuable and effective, the whole plant having a fern-like appearance. Also of splendid value for basket work. Each 75c.

PITHECOCTENIUM

Muricatum A little known, but very desirable climbing plant, closely allied to the Bignonias and requiring much the same treatment. It is a strong, rampant grower, with the shoots densely covered with rich, creamy yellow blossoms during late Spring. The flowers average an inch in diameter. Each 75c.

PLUMBAGO

Capensis A semi-climbing plant in habit, that may be used as a vine or pruned into bush shape. It is covered during Summer and Fall with lovely pale blue flowers. Each 75c.

Capensis Alba Precisely the same as the foregoing in character, but with pure white flowers. Each 75c.

Larpentae A hardy dwarf herbaceous variety bearing quantities of exquisite flowers of a deep rich shade of porcelain blue. Very effective. Each 50c.

RHYNCHOSPERMUM (MAYLAYAN JASMINE)

Jasminoides A very fragrant climber, with pure white flowers and thick leathery dark green foliage. The pretty star-shaped blooms are produced freely and literally cover the plant. They are so intensely fragrant that the odor may be detected at a considerable distance. Each 75c.

SOLANUM

For rapid growth few vines exceed the various species of Solanum. They require a warm, sunny location, and like most tropical plants, plenty of water.

Jasminoides A free growing and free flowering vine. Blooms medium in size, but carried in good sized umbels. Color a pleasing shade of purple. Each 75c.

Jasminoides Alba The same in character as the above, but with pure white flowers. Each 75c.

STREPTOSOLEN

Jamesonii A beautiful plant for a well protected, sunny position. It is only half climber in habit, and may be treated either as a shrub or as a vine. Bears dense masses of orange red flowers. Each 50c.

TECOMA

These are closely allied to the Bignonias. They resemble each other in form of flowers, disposition of foliage, etc. and require much the same care.

Australis Among all the climbing vines in our collection there are few more beautiful than this lovely species. Its

principal value lies in its elegant thick foliage and rampant growth. The young foliage is prettily bronzed, flowers creamy white, small, but produced in great profusion. Each 75c.

Capensis A lovely species from the Cape of Good Hope, with bright scarlet flowers, tubular in form. An exceedingly fine plant for the sunny side of the house. Each 75c.

Jasminoides Bears large, tubular, pure white flowers with a deep crimson throat. Foliage bright and glossy. A very beautiful vine. Each 75c.

Jasminoides Alba Similar to the preceding but with long tubular white flowers. Each \$1.00.

Jasminoides Rosea A variety with all the characteristics of the preceding varieties with the exception of the flowers, which are of a lovely shade of pink with a crimson throat. Very scarce. Each \$1.00.

McKennii A rampant growing species, with large clusters of deep pink flowers. A splendid Winter bloomer. Each 75c.

Reginae Sabae A great improvement on Tecoma McKennii. Flowers very large, in color a lovely shade of deep rose pink with stripings of crimson in the throat. Each \$1.00.

THUNBERGIA

Coccinea A scarce and little known tropical climbing plant, bearing reddish brown flowers. Blooms are tubular in shape, and freely produced. Each 75c.

VINCA

The various types of Vinca are of inestimable value as garden plants. For planting on banks or under the dense shade of trees they make splendid ground cover plants. Used in window boxes or hanging baskets, their long, trailing stems and pretty blue flowers give a light and airy decorative effect.

Major With dark green foliage. Each 15c; per dozen \$1.50.

Major variegated Similar to the foregoing but with yellow white and green foliage. Each 15c; per dozen \$1.50.

VITIS

Capensis An evergreen grape of the most decorative type. This species is a rampant grower, with large round leaves eight to ten inches across. The stems have a bronzy tint of highly decorative effect. Each 75c.

Rhombifolium A variety of dainty, slender growth, heavily foliaged, with the leaf composed of three medium sized lobes. For covering pergolas, walls, porches, etc., it is unsurpassed, being of a light airy effect and absolutely clean and evergreen. Each 75c.



Stocks Growing for Seed at Our Trial Grounds

Howard & Smith

NOVELTIES AND SPECIALTIES IN CHOICE FLOWER SEEDS

The following list contains a selection of the leading varieties which, if carefully sown, will furnish you with an abundance of beautiful flowers for your garden at a comparatively nominal cost. The seeds which we offer are with few exceptions grown on our own trial grounds. They may be relied upon for good germinating qualities, for trueness to type and as representative of the most advanced development known in choice strains at the present time.

In common with Roses and many other subjects we have devoted a large amount of time and energy in the improvement of various strains of Annual and Perennial plants. The work which we have done on Asters and many other strains to be noted in the following pages covers a period of several years. Our one aim in the production of seeds has been quality and that our efforts in this direction have not been in vain is attested by the many voluntary reports we have had from customers from all parts of the Union.

Our strains of Cinerarias, Giant Zinnias, Celosias, Verbenas and other subjects are recognized as being as near perfection as has been attained at the present time. The seeds which we send out are not only given careful germination tests, but are subjected to trials to determine their trueness, etc. We feel certain that those who have not yet tried our various strains of seeds will be more than pleased with the results obtainable from them.

HOWARD & SMITH'S NEW CALIFORNIA GIANT NON-LATERAL BRANCHING ASTERS

We first distributed these strains in the season of 1921. Seed was sent to various growers throughout the United States, Canada and Europe. If we may judge from the voluntary reports we have received in commendation of their quality, we feel quite certain that the seed which we are offering this year will give every grower satisfaction. The stock has again been subject to rigid roguing to further perfect their remarkable non-lateral branching character. The flowers are of mammoth proportions, ranging from 4½ to 5 inches in diameter and are borne singly on stems ranging from 18 to 24 inches in length. The advantage of the new class is that immense size is obtainable without the usual tedious work of disbudding. Anyone growing Asters either for cutting or bedding purposes, will find this strain one of exceptional beauty. We offer them in two distinct types of bloom, incurved or peony flowered and the curled or interlaced.

California Giant Peach Blossom (Curled and Interlaced.) A magnificent new type with immense blossoms, the petals being curled and twisted after the style of the most *ultra* refined comet type, flowers borne erect on long stems non-lateral branching in character. Per packet 25c.

California Giant Rose (Curled and interlaced.) A beautiful shade of rich dark rose, otherwise identical with the above. Per packet 25c.

California Giant Dark Purple A fine companion to the foregoing, blossoms of immense size; petals beautifully curled and twisted. Per packet 25c.

California Giant Light Blue (Curled and interlaced.) A delightful shade of pure azure blue. A variety which bears flowers of mammoth proportions. Per packet 25c.

California Giant Peony-Flowered Peach Blossom (Incurved) A superb new color, flowers of enormous size, stems 18 to 24 inches long. Per packet 25c.

California Giant Peony-Flowered Light Blue (Incurved) A magnificent shade of pure azure blue. Flowers from 4½ to 5 inches in diameter. Per packet 25c.

ALYSSUM

Lilac Queen An especially fine selection of this beautiful dwarf Alyssum in a pretty shade of pale lilac. The plants are compact growers and create a grand mass of color within a short space of time, after planting. Splendid for ground cover in beds of bulbs during early Spring, and equally valuable as bedding plants during Summer and Autumn. Packets 15c.

H. & S. PRIZE GIANT ANTIRRHINUMS (SNAPDRAGONS)

The value of Snapdragons as a plant for producing masses of color in the garden or when used for cut flower purposes, is well known. The selections which we offer you are three colors of a giant strain which produce immense spikes of bloom with very large individual flowers in the spike. The plants when well grown attain a height of three feet and over. These varieties are exceedingly choice. Giant Yellow, Giant White and Giant Scarlet. Per packet 25c.

ANCHUSA

Italica (Dropmore Variety) A superb perennial plant which is easily raised from seed. The flowers are a beautiful

shade of deep, rich blue. Borne in wonderful profusion on strong branching stems which attain a height of some five to six feet. One of the most beautiful of all plants for beds in herbaceous gardens or for planting in clumps. Packets 25c.

ANCHUSA (ANNUAL)

A distinct new variety of great merit, bearing innumerable quantities of beautiful forget-me-not-like flowers, on strong branching plants. The color is a pure shade of forget-me-not blue, easily grown from seed and producing during the summer and autumn months, a veritable sheet of color. Per packet 25c.

DIDISCUS COERULEA

A handsome annual plant of fine growth, bearing heads of bright sky blue flowers. Blue flowers are scarce in Nature, which gives this plant an additional value. It blossoms profusely during the summer and autumn months, it is easily raised from seed and is of splendid value either as a cut flower or when used as a bedding plant in the garden. Price per packet 25c.



A TYPICAL FLOWER OF OUR CALIFORNIA GIANT ASTER "PEACH BLOSSOM"

The Bloom is Natural Size and Conveys a Good Impression of the Beautiful Ruffled Character of its Blooms

CELOSIA GIANT PLUMED—H & S PRIZE GOLDEN YELLOW

After several seasons of careful roguing, we are able to fix a splendid deep golden yellow type of this useful summer bedding plant. The blossoms are large, bright in color, and are produced without intermission from early summer to late fall. This strain is going to prove of splendid value for bedding purposes and is equally adaptable for cut flower work. Price per packet 50c.

CINERARIAS—H & S PRIZE MIXED

Our strain of giant flowering Cinerarias is generally recognized as one of the finest in America. The plants are compact in their habit, the foliage is large and bold, and is surmounted by trusses of glorious size and substance. Blossoms four to four and a half inches in diameter are quite common. The range of colors contained in the strain is unexcelled, running from purest white to darkest crimson, through all the intervening shades of purple, blue, lavender, indigo, rose, etc., with many handsome bi-colored flowers. Pkt., 50c.

H & S NEW GIANT FLOWERING COLUMBINES

A grand strain of giant flowering, long spurred Columbines in a color series of matchless beauty. Columbines are splendid as cut flowers or for the production of masses of color in the garden. We have made a series of selections to color and although not entirely fixed a very high percentage will come true.

Blue A splendid selection of all shades from light to dark blue. Flowers are long spurred and of large size. Pkt., 25c.

Pink Contains the various tones from light pink to darkest rose. Very choice. Pkt., 25c.

Mixed Including all shades from pure white to pink, rose, red, yellow, crimson, blue, and various bi-color flowers of superb quality and form. Pkt., 25c.

CHRYSANTHEMUM (INODORUM SNOWBALL)

A handsome new annual Chrysanthemum bearing quantities of double snow white flowers 2 inches across. Foliage is fern-like in appearance, being deeply laciniate and offering a beautiful foil to the well-poised flowers. Highly recommended as a cut flower especially where used in mixed bouquets. Per packet 15c.

Howard Smith

**H & S PRIZE CINERARIAS**

Cinerarias as we grow them for seed in cold frames at Montebello, each plant being selected for its habit of growth, color and size of bloom. All poor sorts are thrown away. Ten years work in perfecting this strain insures our customers something better, something different than ordinarily procurable.

CELOSIA—H & S PRIZE MIXED

A grand selection of feathered Coxcombs with massive plumes and excellent compact habit. We have been several seasons improving this strain and believe today it is equal or superior to any other strain on the market. The colors range from yellow through the intervening shades of rose, carmine, crimson, and bronze. There are no subjects that we know of which will create a brighter or more beautiful effect planted in beds than these new feathered Coxcombs. Their immense size and beautiful coloring make them a decided attraction in any garden. The seed has been carefully saved from the finest types only. As with many other highly bred plants they are shy seeders. Price per packet, 50c.

DIASCEA BARBARAE

A low-growing biennial plant from South Africa, bearing innumerable quantities of small salmon-colored blossoms. The engraving conveys a good impression of shape and size of the blossoms.

The plants attain a height of some twelve inches and are literally smothered with their dainty salmon-colored flowers. A fine subject for beds or borders. Pkt., 25c.

**NEW GIANT DAISIES
(BELLIS PERENNIS MONSTROSA)**

A highly improved strain of Daisies, remarkable for their immense foliage and extra large flowers. Blossoms attain a diameter on well grown plants of two inches and over and come true from seed. The value of Daisies for Spring bedding is well known and appreciated

White A pure snowy white of very large size. Pkt., 25c.

Rose A dainty shade of pure rose. Pkt., 25c.

Rose Shaded White Ground color rose, edges of all the petals being handsomely tipped pure white. Pkt., 25c.

Rosy White A delicate combination of rose on a white ground. Pkt., 25c.

GERBERA (TRANSVAAL DAISIES)

We were fortunate during the past season in being able to secure a fine lot of seed of these beautiful Transvaal Daisies. The strain includes all colors from pure white to darkest crimson with all of the intervening shades of orange, yellow, pink, salmon, etc. These Gerberas are easily raised from seed and blossom the first season after sowing. As cut flowers they are unexcelled as they last over a week in water. An extra choice mixture including all colors. Price per packet, 50c.

Howard Smith



DIASCEA BARBARAE

THREE EXTRA GOOD MIGNONETTES

The following are three extra good selections of these old fashioned Annuals. The colors are distinct, the spikes of large size and deliciously fragrant.

Salmon Red A splendid new shade. Pkt., 25c.

Golden Queen A beautiful yellow. Pkt., 15c.

Goliath As the name implies, a very large flowered Mignonette. Strong, compact habit with rich dark green foliage. The giant trusses have a reddish cast. The color is very brilliant, somewhat deeper than the variety Machet. Pkt., 25c.

MYOSOTIS (FOR-GET-ME-NOT)

Indigo Blue A charming new shade in for-get-me-nots, the color being a beautiful shade of indigo. It is richer and darker than any other variety. Wonderfully effective as a bedding plant and of splendid value for cutting purposes. Pkt., 25c.

NEW BALCONY PETUNIAS

A superb new strain of medium size bedding Petunias. While the flowers are not so large as those of the Superbissima type they are produced in vastly greater profusion. So free are they in this respect that the blossoms literally cover the plants. For park way planting or solid beds in the garden these Petunias will produce an unbroken display of color from early Spring until late Autumn.

Balcony White Pure snowy white. Pkt., 25c.

Balcony Rose A splendid shade of rich rose. Pkt., 25c.

A BEAUTIFUL STRAIN OF PINKS (DIANTHUS PLUMARIA) DOUBLE PERPETUAL

A new strain of clove scented Pinks which originated in France. The blossoms are beautifully fringed, large in size and produced in endless profusion throughout the entire season. They are as deliciously scented as the old fashioned clove pink, with the additional advantage that the flowering extends over a much greater period of time. Easily raised from seed, and if sown early will blossom the same season. Quite hardy and should be planted in every garden. All colors mixed. Pkt., 50c.

TITHONIA SPECIOSA

A remarkable new plant recently introduced from Mexico, bearing during Autumn immense quantities of beautiful orange red flowers, not unlike a single Zinnia. From seed sown in Spring splendid flowering specimens may be had during the following Autumn. Very useful for cut flower purposes. Pkt., 25c.

**SWEET WILLIAM
GIANT AURICULA EYED**

An elegant strain of these old fashioned biennials. It is remarkable for the immense size of the individual trusses and blooms. The center of the flowers are pure white zoned with various shades of crimson, pink, rose, etc., at the exterior. This particular selection of Sweet William is of French origin and is unquestionably one of the best which has yet come under our notice. Pkt., 25c.



NEW GIANT DAHLIA FLOWERED ZINNIAS

A superb strain of giant flowered Zinnias, originating in California a few seasons ago. Remarkable not only for their free blooming qualities but their magnificent range of colors. They vary from purest white to dark crimson and purple, with innumerable intervening odd shades of terra cotta, salmon and golden yellow. The blossoms are not only of immense size, but are quite distinct in form to any other strains of Zinnias grown at the present time. The petals are exceedingly broad and beautifully channelled, which reminds one of the Dahlias, rather than Zinnias, hence the name of the strain.

Blossoms are simply enormous as to size— $5\frac{1}{2}$ to 6 inch blossoms being quite common. The plants are of sturdy growth and blossom without intermission from early summer until late autumn. Price per packet 25c.

NEW ANEMONE FLOWERED DAHLIAS

We called your attention to this magnificent new strain of Dahlias where the roots are offered on page 19. We wish to state that these Dahlias are also easily raised from seed and will produce a very high percentage of fine blooms, scarcely any two alike. A large number of plants are obtainable from a packet of this seed. It has been carefully hand-picked from the very finest selected type and may be relied upon to produce fully eighty per cent true to character.

A single packet of this seed will produce enough flowers for a large bed. They will bloom within a few months after sowing and will continue until the advent of winter frosts, furnishing a wonderful display of splendid blooms for cutting purposes.

We can strongly recommend this novelty to all of our customers. Price per packet 50c.

DELPHINIUM ELATUM (H & S PRIZE MIXED HYBRIDS)

A superb strain of the tall growing perennial Larkspur or Delphinium, the seed having been carefully saved from the very finest large flowered selected types. The seed we offer contains a high percentage of the lighter shades with an absence of objectionable purples, etc. Shades of sky blue, turquoise, sapphire and similar shades predominate. Per packet 25c.

**HELICHRYSUM MONSTROSUM
(COPPERY RED)**

A unique and new color in this well-known class of everlasting flowers. The flowers are very large, absolutely double and are a distinct shade of coppery red. Like other varieties of its class, the blossoms retain their full character and color months after being cut. Per packet 25c.

HELIOPSIS SCABRA ZINNAEFLORA

A few seasons ago there appeared in France some new hybrids of Heliopsis, which were sent out under the preceding name, the flowers being double or semi-double, similar to Zinnias in general shape and contour and a rich golden yellow color. These have since proven to be of splendid value for cut flower purposes. The plants attain a height of some two or three feet and blossom profusely throughout the summer and autumn months. They are easily raised from seed and will, we feel assured, prove a welcome addition to any garden. The plants are of perennial duration. We can thoroughly recommend them to our customers as one of the most meritorious plants of recent introduction. Per packet 25c.

LOBELIA PUMILA OXONIA

A splendid and highly desirable acquisition to the dwarf type of bedding Lobelia. The plants are even more compact and dwarf than the well-known variety Crystal Palace Compacts. The blossoms are very large, deep purple in color, the color being highly accentuated by a pure white eye. This variety will prove of superb effect in beds, borders, etc., highly recommended. Per packet 25c.

STOCKS (MAMMOTH MIDNIGHT)

A beautiful and entirely new color in the Beauty of Nice type of Stock. In growth similar to Beauty of Nice, having the same tall branching habit which makes it especially valuable for cut flower purposes. It bears stems 15 to 18 inches long, well-furnished with very large blooms of a dark maroon purple color. The blossoms are intensely fragrant. The seed of our strain will produce a high percentage of double flowers, although as is common with all strains of Stocks, a certain number of singles are bound to appear. Highly recommended. Price per packet 25c.

TRITOMA (MIXED HYBRIDS)

Tritomas are easily raised from seed and we offer you in this mixture, a selection of entirely new colors, ranging from pure yellow through all the various shades of scarlet, crimson, etc. Tritoma or red hot pokers, as they are commonly referred to, make exceedingly ornamental garden plants. The clumps increase in vigor and size season after season. The handsome torch-like flowers are of splendid value when used for indoor decorations. Price per packet 25c.

VERBENA (SNOW QUEEN)

A superb new pure white Verbena of the mammoth flowered class, bearing immense trusses of bloom with very large individual florets. Good white Verbenas as comparatively scarce. We feel that this novelty will please the most exacting of our customers. Price per packet 25c.

SALPIGLOSSIS

Among the various free flowering Annuals there are but few more easily grown than Salpiglossis. During the past few years numbers of fine strains have made their appearance, showing a great improvement both by way of color and size. A bed of these beautiful plants is easily one of the most striking features in any Summer or Autumn garden. The strain we offer you below represents the acme of perfection to which Salpiglossis have been brought at the present time. The blossoms are gloxinia shaped in form with wide open throats. The color series in the strain is one of exceptional beauty.

Purple, Brown and Gold A unique combination of colors. Pkt., 25c.

Giant Crimson Dwarf, compact plants, bearing immense blooms. Pkt., 25c.

Lilac and Gold A combination of two beautiful shades in a single flower. Pkt., 25c.

Purple A wonderful shade of Elks purple, bright and glossy. Pkt., 25c.

Crimson A splendid shade of rich crimson. Pkt., 25c.

Blue and Gold A delightful combination of colors. Pkt. 25c.

Mixed All colors. Pkt., 25c.

**SUN FLOWER
NEW HYBRIDS OF CUCUMERIFOLIUS**

A remarkable break has been secured in Sunflowers through the introduction of these new hybrids of the small flowered variety of Cucumerifolius. The strain contains a remarkable range of colors, the plants are dwarf and compact in their growth and blossom from early Summer until late Autumn. Unlike the ordinary Sunflowers, these flowers are quite small and have none of the coarseness apparent in the first hybrids of this class introduced several years ago.

We first saw this new strain growing in France during the Summer of 1919 and were at once attracted by their beauty and effectiveness as bedding plants. The various colors include chocolate, brown, red and bronze, as well as bi-color flowers wherein the center is brown or red and the exterior zoned golden yellow. Price per packet 25c.

**VERBENA
(H & S PRIZE MIXED)**

Verbenas are easily grown from seed and can be flowered within a comparatively short space of time after being planted out. The strain which we offer you is our own and from which we have raised such varieties as Crimson King, Scarlet Queen, etc. The trusses and individual florets are of immense size and contain a wide range of color, including all shades from purest white to darkest crimson with the intervening shades of pink, purple, rose, lilac, lavender, etc. For mixed bedding these Verbenas are of exceptional merit. Extra choice. Pkt 25c

NEW GIANT DAHLIA FLOWERED ZINNIAS

A superb strain of giant flowered Zinnias, originated by Jno. Bodger & Sons Co., California, a few seasons ago. Remarkable not only for their free blooming qualities but their magnificent range of colors. They vary from purest white to dark crimson and purple, with innumerable intervening odd shades, of terra cotta, salmon and golden yellow. The blossoms are not only of immense size, but are quite distinct in form to any other strains of Zinnias grown at the present time. The petals are exceedingly broad and beautifully channelled, which reminds one of Dahlias, rather than Zinnias, hence the name of the strain.

Blossoms are simply enormous as to size— $5\frac{1}{2}$ to 6 inch blossoms being quite common. The plants are of sturdy growth and blossom without intermission from early summer until late autumn. Price per pkt. 25c each.



IT IS not often that we are able to present to our customers a strain of such exceptional merit as these superlatively beautiful Poppies. They are the result of careful crosses between the Shirley and Ranunculus flowered types. The tints and colors to be noted in this new strain simply beggar description. It is replete with shades of salmon orange, satiny pink, peach blossom, soft orange scarlet, pure white, etc., with a total absence of the dark shades noted in the ordinary strain of Papaver Rhoeas wherein black blotches manifest themselves at the base of the petals, thereby destroying the delicate coloring which is to be noted in a strain where this effect is totally lacking. A delicate and charming



The New El Dorado Poppies

**The Most
Beautiful Poppies
ever Produced**

effect may be secured by sowing these Poppies in conjunction with wheat; we would only add that whether they are sown by this method or in solid beds or borders the effect of the plants in bloom is superb. The shades noted in some of the flowers are as delicate and beautiful as are those to be seen in the finest grades of China silk.

Seeds of these Poppies may be sown any time after October; a last sowing may be made during the months of January and February provided a constant display be desired. In cold sections of the country they may be sown as late as March, but in Southern California or similar climates we advise early sowing. Price per packet, large size 50c; small size, 25c.



A SPECIAL SELECTION OF
OUR *Giant Zinnias*
GROWN FOR SEED

CHOICE FLOWER SEEDS GENERAL COLLECTION

ACROCLINIUM

A pretty annual flower, everlasting in quality. Very effective in borders during its blooming season with the additional advantage of being valuable in a dry state for house decoration. Height 15 inches. Double rose and double white. Pkt., 10c.

AGERATUM

These are easily grown from seed and will flower freely the same season as sown. Withstands the hottest summers but will not stand frost to any extent. Spring sown seed blooms eight to ten weeks after sowing. Splendid for carpet bedding, edging or pot work. We offer you three good selections.

Nanum Compactum Height 10 inches, white. Pkt., 10c.

Princess Pauline Body of flower white, anthers sky blue. Height 9 inches. Pkt., 15c.

Mexicana White, tall growing, of branching habit. Height 15 inches. Pkt., 10c.

ALYSSUM

An exceedingly free blooming dwarf annual, unexcelled for use as a ground cover. Also available for carpet bedding or for edgings.

Little Gem A pure white form of dwarf, prostrate habit, similar to Lilac Queen in every respect save color. Pkt., 15c.

AMARANTHUS SALICIFOLIUS

One of the handsomest of annual foliage plants. The foliage, by way of color, is a lovely combination of red and yellow, drooping in habit, and exceedingly effective when planted as an alternative with the ornamental varieties of Chilean Beet. Height 2 feet. Pkt., 15c.

ARABIS ALPINA (ROCK CRESS)

A handsome hardy perennial plant, easy to raise from seed and one of the earliest and prettiest Spring flowers for the rockery or for borders. The spreading tuft-like plants are covered with a sheet of pure white flowers. Height six inches. Packet, 10c.

ARCTOTIS GRANDIS (AFRICAN DAISY)

Pearly white, daisy-like flowers, shaded with delicate mauve at the tips of the petals. There are few flowers grown more valuable for cutting purposes. The flowers last a week or ten days after being cut. Height 30 inches. Packet, 10c.

ANTIRRHINUMS (SNAPDRAGONS)

We direct your attention to the extra fine quality of our various strains of Antirrhinums. These have been carefully grown at our Rivera seed farms and will be found quite true to color description. For planting out in Herbaceous borders or for massing effects in shrubbery borders Antirrhinums will be found particularly useful. Their culture is easy, they grow well in any garden soil and are of great value as cut flowers.

Antirrhinum Majus The tall growing type, reaching a height of some 24 to 30 inches.

Firefly Bright scarlet with white throat.

Galathea Deep crimson.

Golden King Superb golden yellow.

Nobile Purple with white throat.

Queen Victoria Snowy white.

Purple King Deep purple crimson.

Mixed All varieties of the above and other shades as well.

Antirrhinum Nanum The following are a splendid selection of semi-dwarf, giant flowering varieties, ranging in height from 18 to 24 inches.

Bonfire Glowing orange scarlet. A wonderful shade.

Amber Queen A splendid shade of amber yellow.

Cottage Maid Pale pink with white throat.

Crimson King A splendid deep, rich crimson.

Fawn Terra cotta pink and pale yellow.

Nanum Mixed A choice mixture of all the best semi-dwarf Antirrhinums. Any of the above varieties, pkt., 15c.

AUBRETIA GRAECA

A hardy perennial with deep mauve flowers. Used extensively for carpet bedding. It produces great masses of bloom and is a charming companion to yellow Alyssum or blue Ageratum. Height six inches. Packet, 15c. ,

H & S IMPROVED CAMELLIA FLOWERED BALSAM

A favorite old-fashioned annual bearing large numbers of Camellia like flowers on the various branching stems of the plants. Valuable for growing in pots for interior decoration or for planting in any sunny bed. Packets, 15c.

Malmaison Pink A lovely shade of brilliant pink.

Double White Immense pure white flowers.

Salmon Rose An exquisite shade of rich salmon.

Mixed All colors.

Howard Smith

FOLIAGE OR BEDDING BEET

In England and on the Continent various ornamental varieties of beets are largely grown and are one of the most attractive of Summer bedding plants. There is nothing more showy than their brilliant and glossy vari-colored foliage.

Beet Chilian Deep crimson. Height 24 inches. Packet 15c.

Beet Crimson, Willow Leaved Graceful, irregularly formed foliage. Height 30 inches. Packet 25c.

BEGONIAS

As bedding plants Begonias rank with Geraniums and Coleus. The varieties we offer you are of the *semperflorens* type. They succeed as well in the sun as in the shade. Are also useful for growing in pots and are easily raised from seed.

Begonia Semperflorens, Mixed All colors from purest white to darkest crimson. Height 10 inches. Packet 15c.

**CALIUDULA ORANGE KING****CALENDULA (POT MARIGOLD)**

It has only been since the introduction of splendid improved types of these old fashioned Marigolds that their value began to be appreciated. They thrive well in any good garden soil, and will stand several degrees of frost without injury. Our selection of these is exceedingly fine. The stems are long and flowers large and quite double. Fine for cutting. Packet 10c.

Orange King One of the best. Extra large deep orange colored flowers.

Lemon Queen Color a rich bright yellow.

Mixed—All colors.

CALLIOPSIS

Showy and beautiful free flowering annuals, of the easiest possible cultivation. They do well in any sunny position and are splendid for massing or for cut purposes. Packet 10c.

Drummondii, Golden Wave Rich orange yellow with brown eye. Height 18 inches.

Crimson King Velvety crimson, 9 inches high.

*Annual Mixed....*A superb mixture, including all shades of colors and combinations of colors in brown, golden yellow, etc.

CAMPANULA

Carpatica White One of the daintiest of the family. An exquisite bell flower of low prostrate growth, bearing a wonderful profusion of pure white flowers in early Spring. Valuable for rockeries or as a basket plant. Packet 15c.

Carpatica Blue Identical with the white form, and quite as free flowering, bearing enormous quantities of beautiful bell shaped, deep blue flowers. The particular shade of blue to be noted in this variety is one of great beauty. Packet 15c.

CANDYTUFT

Among the hardy and quickly grown annuals the various varieties of Candytuft are particularly valuable subjects. Those who are not already acquainted with the large flowered varieties and the delightful new shades to be noted in some of the later selections have a pleasant surprise in store. They are not only valuable for bedding, but make splendid subjects for interior decoration as cut flowers. Height fifteen inches. Packet 10c.

Giant Hyacinth Flowered White The largest and best white grown. Our selection of this is extra choice. Packet 15c.

Carmine An attractive shade of carmine.

Flesh Pink A pretty shade of pale pink.

Lilac Clear mauve or lilac blooms.

Mixed All colors

CANNA

Among the various specialties which we grow we may state that our collection of named varieties of Cannas is second to none in the country, and some splendid seedlings are obtainable from the seed of our strain.

Hungaria We have found from trials that a goodly proportion of pink flowers may be reproduced from seed of this exceedingly fine variety. A peculiar thing in connection with the seedlings is that aside from the pink colors produced, good yellows are obtainable. Packets 15c.

H. & S. Special Mixed From the choicest named varieties, including also seed saved from some of our own selected crosses. Packet 15c.

CARNATION MARGUERITE

The most popular of all early flowered strains of carnation, flowering within six months from the date of sowing of seed. The flowers are deeply fringed, intensely fragrant and very free blooming. Our strain may be relied upon to produce not less than 80% of double flowers. Per packet 15c. 15c.

CENTAUREA IMPERIALIS (GIANT SWEET SULTAN)

A highly improved strain of Centaureas with flowers of magnificent size and a wide range of colors. Being good keepers in water, they are much prized as cut flowers. The distinctive character and informal shape of the blossoms add a grace and charm distinct from all other cultivated plants. Height 30 inches. Packet 10c.

Imperialis, White Extra large.

Imperialis, Rose, Dark Purple, Lilac, Mixed.

Suaveolens (Yellow Sweet Sultan) Like Centaurea Imperialis in general formation of bloom but with flowers of a lovely, pure, rich yellow.

CENTAUREA CYANUS (CORNFLOWER)

An old, well known favorite. Greatly prized for cutting purposes. We call special attention to our new double blue. This variety will produce 60 to 70 per cent of double blooms, the flowers being much larger than the old single type.

Double Blue Packet 15c.

Single Blue Height two feet. Packet 10c.

Double Mixed Contains various colors of double flowers. Packet 15c.

CENTAUREA

Candidissima (Dusty Miller) One of the handsomest of all dwarf bedding plants. Our selection of this particular variety is one of unsurpassed quality. The foliage is a uniform, beautiful silvery white, and the plants are as even in growth as though they were sheared. Height twelve inches. Highly recommended for bedding or for edging purposes. Packet 15c.

CELOSIA CHILDSII

A splendid subject in annual flowers. Belongs to the Cockscomb family and differs from the ordinary Cockscomb or pyramidal flowered Celosia in that the inflorescence occurs in a ball shaped form. The color is dark crimson. Heads of bloom are four or five inches in diameter and freely produced on stout branching compact plants. Packet 15c.

CELOSIA CRISTATA (COCKSCOMB)

An old-fashioned favorite much prized for bedding. Is equally valuable for growing in pots for interior decoration. The seed we offer has been saved exclusively from large, well formed combs.

Giant Crimson A grand strain with immense perfectly formed combs borne on plants which attain a height of three feet. Packet 25c.

Dwarf Empress Large and perfect combs. Deep crimson color. Very choice. Height eight inches. Packet 15c.

CANTERBURY BELLS

These favorite old-fashioned flowers thrive well in all sections of the country. Our strain of the Calycanthema or cup and saucer type is an exceedingly fine one. They come almost true to type, each blossom having its well defined cup and saucer form of bloom. There is a vast difference in the quality of the various strains to be noted under this heading. We believe you will find the seeds we offer you to be as good as you can possibly procure.

Calycanthema (Cup and saucer type). White, blue, bright rose, lavender, and all colors mixed. Packet 15c.

Single Varieties A selection of clean and decided colors. White, rose, blue, mauve and mixed. Packet 15c.

CHRYSANTHEMUMS (ANNUAL VARIETIES)

Carinatum Double White A splendid double white form of the annual chrysanthemums, with large, well formed blossoms, double to the center. Splendid for cut flowers, ideal for Summer and Autumn bedding. Packet 15c.

Carinatum Double Red A handsome companion to the above with flowers of similar shape and size, but a distinct shade of brownish red in color. Packet 15c.

Star of the East A handsome single bi-color variety with brown, yellow and pale lemon colored blooms. Packet 15c.

CLARKIA

An old-fashioned annual which has been greatly improved during recent years. The long, slender racemes of flowers are excellent for cutting purposes. They last well in water and give a wonderful show of color in the garden. The following are among the best. Packet 15c.

Double Rose A distinct shade of deep rose.

Vesuvius Rich, fiery red. Very bright.

Scarlet Queen Bright scarlet.

Purple King Splendid deep rich purple flowers.

Salmon Queen An exquisite shade of pure salmon.

Alba The best pure white.

Mixed All colors.

COBAEA SCANDENS

An elegant vine of very rapid growth which can be easily raised and flowered from seed the same season. The flowers are quite large, about three inches across, and in shape not unlike those of the Canterbury Bells. It has handsome bronzy foliage and is remarkable for its rapid growth which makes it particularly adapted for quick work in covering fences, pergolas, etc. Seed should be sown in early Spring for flowering the following Summer. Highly recommended as a shade producing vine. Packet 15c.

COREOPSIS GRANDIFLORA

A hardy perennial bearing masses of golden yellow flowers throughout the major portion of the year. Splendid for cutting. Height 50 inches. Packet 15c.



Delphinium Belladonna

DELPHINIUM (PERENNIAL LARKSPUR)

Shades of blue are exceedingly scarce in flowers, yet there is scarcely a shade which cannot be found in a good strain of choice perennial Larkspurs. Our seed of this particular strain is saved from a magnificent collection, one of absolutely unexcelled quality. A few of the shades to be noted in the mixture are sapphire, turquoise, gentian, sky blue, etc. As back row flowers in the herbaceous border they are well nigh indispensable. In English gardens they are invariably the most conspicuous and highly prized amongst herbaceous plants. You will find the strain all that we recommend it to be. Packet 25c.

Belladonna A splendid variety of perennial Delphinium. The flowers are an exquisite shade of sky blue, and are borne on long wiry stems which makes them particularly valuable for cutting purposes. This variety blooms without intermission from early Spring until late Autumn and the clumps last from season to season, as it is a true perennial. Packet 25c.

Blue Butterfly (Annual) A handsome annual variety which attains a height of some eighteen inches. The flowers are a rich, bright blue in color, grows easily from seed and blooms within a comparatively short space of time after sowing. Packet 15c.

Azure Fairy A dainty dwarf annual Delphinium, a fine companion to Blue Butterfly. Flowers are a distinct shade of azure blue. The plants attain a height of about one foot and blossom from early Spring until late Autumn. Packet 25c.

*Howard Smith***COSMOS**

Favorite Summer and Autumn flowering annuals producing an endless succession of flowers over an extended period. The strains we offer are the finest procurable, with blooms of exceedingly large size and a very fine selection of colors. We call your special attention to the new double types.

Klondyke Handsome, large, orange colored blooms. Should be planted early, as it invariably flowers late in Autumn. Packet 10c.

New Double Mixed Beautifully formed blooms having a cushion-like center of short florets not unlike, in many respects, the Anemone flowered Chrysanthemums. The plants are very free blooming and will produce about 70 to 80 per cent of double flowers. All colors mixed, including white, crimson, rose, pink, etc. Packet 25c.

Lady Lenox Bright rose. One of the new mammoth types. Packet 15c.

Lady Lenox White Large, pure white. Packet 15c.

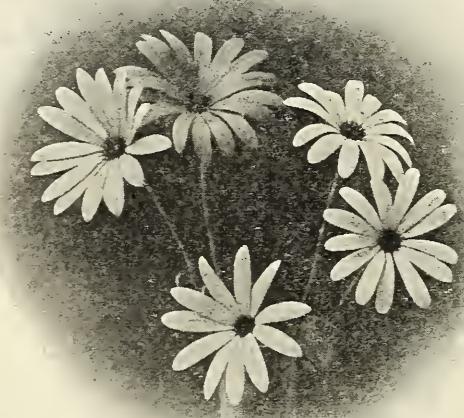
Mammoth Early Flowered Crimson, rose, white and mixed. Packet 15c.

DAHLIAS

Although it is not commonly known, Dahlias can be easily raised from seed and flowered the same season during which the seed is sown. During the past year we harvested a small quantity of seed from some of our very finest shy seeding named varieties. From a collection, in fact, which is second in point of quality to none in the country. Seed may be sown at any time during February, March or April and a bountiful crop of bloom may be assured during September, October and November.

H. & S. Prize Mixture Contains a splendid collection of the very choicest large flowering types, including Cactus Decorative, Paeony flowered varieties. Packet 25c.

Choice Mixed Including pompon, new single collarette and mixed colors saved from ordinary named varieties. Packet 15c.



Dimorphotheca Hybrids

DIMORPHOTHECA

A comparatively new annual from South Africa producing an abundance of daisy-like flowers, some two and a half inches across. Blooms within a few weeks after sowing. Height twelve inches.

Aurantiaca Rich, glistening orange, with brownish disc at center of bloom. Packet 10c.

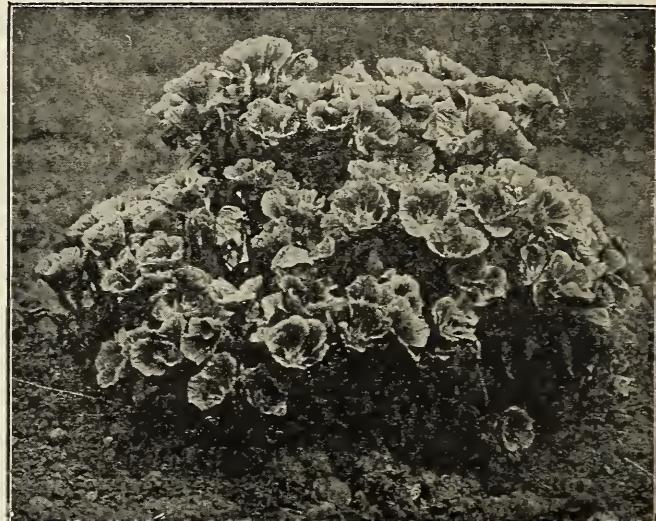
Aurantiaca Hybrids Extra choice. A new series of hybrids offering a unique assortment of shades extending from the purest white through tints of orange, yellow, red, salmon. Packet 15c.

DIANTHUS (ANNUAL PINK)

Although usually treated as annuals, these Dianthus are really biennial in character and will flower again the second year, if not killed during the Winter.

Superbissima A splendid strain of annual pinks, with deep fringed and ruffled blossoms. Flowers exceedingly large and with a wide assortment of colors. Undoubtedly the finest strain of single Dianthus in existence. Packet 15c.

Diadematus (Double) The beautiful diadem pink. Colors rich and varied, including mottled and marked varieties. Packet 15c.



Godetia—Crimson Glow

DIGITALIS (FOXGLOVE)

Handsome, hardy plants of sturdy growth, succeeding under the most adverse conditions. Spikes four to five feet high with giant flowers in all shades of color. Unequalled for naturalizing in shrubberies at the edge of woods or other half shady places. Packet 15c.

Gloxinia Flowered White Immense spikes of pure white flowers.

Gloxinia Flowered Rose A splendid shade of deep rose.

Gloxinia Flowered Purple A rich shade of deep purple.

Gloxinia Flowered Mixed colors. Giant flowers spotted and shaped like Gloxinias.

Ivery's Spotted Like the former but with more conspicuous spots.

EUPATORIUM

Fraseri A splendid perennial plant covered during the latter portion of the year with hundreds of snow-white flowers. They resemble in many respects giant Ageratums, of splendid value for cutting purposes. Packet 15c.

ESCHSCHOLTZIA (CALIFORNIA POPPY)

Giant Orange Scarlet A remarkable selection and without question one of the handsomest of all types of California Poppies. Blooms exceedingly large. In color a luminous shade of rich orange scarlet. One of the finest novelties in annual plants introduced in a long time. Packet 25c.

Golden West Enormous flowers. Deep rich yellow with an intense orange colored center. Packet 10c.

Carmine King Flowers a distinct shade of bright carmine rose. Extra good. Packet 10c.

White A good selection, creamy white flowers. Packet 10c.

GODETIAS

A showy class of annuals with large, variously colored flowers producing a constant blaze of color in the garden over a long period of time. Nothing is more conspicuous than a clump of well grown Godetias.

Crimson Glow Dark fiery crimson. Packet 10c.

Double Mauve A good, even shade of mauve. Packet 10c.

Double Rose Deep rich rose. Extra fine. Packet 15c.

Duchess of Albany Elegant silvery white. Packet 10c.

Mixed All colors. Packet 10c.

Howard Smith

GEUM, "MRS. BRADSHAW"

A recent introduction and one of the most meritorious additions to perennial plants in a long time. The flowers are large, quite double and of the brightest possible scarlet. Invaluable for cut flower purposes. Height eighteen inches. Packet 25c.

GAILLARDIA

The ease with which Gaillardias may be grown from seed, their extreme hardiness, brilliant and unique colors to be noted in the blossoms, places them in the front rank of hardy plants. We call your particular attention to our strain of giant flowering Gaillardias. The blossoms are of mammoth size, and include all the various colors and combinations of colors. If you want something for cutting purposes make a sowing of these.

Gaillardia Grandiflora (H. & S.) Hardy perennial. Choice mixed. Giant flowers. A strain of exceedingly fine quality. Packet 15c.

Lorenziana Annual. Large double flowers in a splendid assortment of colors. Packet 10c.

The Bride A splendid selection of the Lorenziana type of Gaillardias, bearing large quantities of creamy white flowers. Fine for cutting. Packet 15c.

GLADIOLUS

Our collection of named Gladiolus is second to none in this country, in addition to which we have some remarkably fine seedlings of our own production. The seed we offer has been carefully saved from the very finest large flowered types and may be depended upon to produce some unusually fine sorts. Will flower the second year.

H. & S. Prize Mixed All colors. Packet 25c.

GYPSOPHILA

Although the flowers of Gypsophila in themselves are somewhat insignificant in character they tend to give a beautiful and feathery effect to flower arrangements of all kinds. The blossoms are produced in panicles. The individual flowers are quite small but are produced in great abundance. As a decorative accompaniment to sweet peas, carnations, etc, they are unexcelled.

Elegans Grandiflora (Annual.) Large flowered, pure white form. Can be flowered from seed within a few weeks after sowing. Packet 10c.

Paniculata A hardy perennial variety. Smaller flowers than Grandiflora but equally valuable for cut flower purposes. Packet 15c.

HELICHRYSUM (STRAW FLOWER)

A well known class of everlasting flowers which are prized not only for their value as plants in the garden but for their use as cut flowers for Winter decorative purposes. The flowers after being cut retain their color and form without fading. We offer this season a very fine strain of the Monstrosum type. The flowers are of gigantic size, the colors rich and varied. Packet 15c.

Monstrosum Very large flowered, pure white.

Monstrosum Yellow A handsome shade of golden yellow.

Monstrosum Salmon Red A unique shade of rich, salmon red.

Monstrosum Rose Deep, bright rose.

Monstrosum Purple A distinct shade of dark purple.

Monstrosum Salmon Red Unique shade of rich, salmon red.

Monstrosum Mixed All colors.

HELIOTROPE

The seed we offer of this popular favorite has been carefully saved from the very finest named varieties. It is nothing unusual for the plants to bear heads fully twelve inches in diameter, produced on compact growing plants. Seed sown in early Spring will produce full grown plants for July blooming. They can be lifted in the Autumn and used as pot plants during Winter in cold sections. Height fifteen to eighteen inches.

Leur d'Opale Giant lavender blue. Packet 25c.

Centefleur Giant, dark blue. Packet 25c.

HOLLYHOCKS

A superb strain of the finest types of double Hollyhocks extant, in clean, decided colors. A sowing made in early Spring will flower, with good cultivation, during the ensuing Summer and Autumn. There is nothing more attractive as back row plants than Hollyhocks. Packet 15c.

Pure White. *Newport Pink*. *Rose*. *Cherry Red*. *Yellow*. *Faust* Flowers almost pure black. *Mixed* All colors

Single Allegheny A remarkably free flowering strain of Hollyhocks, with semi-double or single flowers. Many of the blossoms are beautifully fringed with the edges of the petals handsomely undulated. Packet 15c.



Corn Flower "Double Blue"—An Extra Fine Selection

HUNNEMANNIA (MEXICAN POPPY)

Fumariaefolia A native Mexican poppy of exceeding grace and beauty. The flowers are a beautiful, deep lemon yellow, and are produced in wonderful profusion. One of the best of all for cut flower purposes. Packet 10c.

LINARIA MAROCANA

Excelsa Hybrids A splendid strain of dwarf Linarias containing a wonderful range of colors. The flowers are quite small, borne in dense masses on slender stems, making, when full bloom, veritable masses of color. They are of exquisite effect when used in beds or borders. Packet 25c.

LINUM

Grandiflora Rubrum An elegant, free flowering, hardy annual, easily raised from seed. Its brilliant scarlet flowers attract the attention at once. Height twelve inches. Packet 10c.

LOBELIA

Highly desirable for edgings, ribbon bordering as well as for pot culture. The plants are easily raised from seed and during the flowering period are covered with a sheet of bloom.

Crystal Palace Gem Dark Blue. Packet 15c.

LARKSPUR (ANNUAL)

The annual Delphiniums, or Larkspurs as they are commonly called, are quite hardy and produce over a long period splendid spikes of bloom of exceedingly graceful and attractive appearance. The taller varieties are suitable for shrubberies and borders, while the dwarf strains are splendid as bedding plants. A bed of the various shades lends a charming effect to any garden. Packet 10c.

Dwarf Rocket Mixed, all colors. Height one foot.

Giant Stock Flowered A tall growing strain, with splendid spikes of bloom. Height two to three feet.

Pure White Delicate Flesh Dark Rose Lilac Dark Blue.
Mixed All varieties.

beauty and of perfect form. We particularly recommend our strain of tall African Marigolds, and believe they cannot be excelled.

African Marigold Tall, lemon, orange or mixed. Packet 10c.

Legion of Honor A splendid dwarf Marigold belonging to the French class. The plants attain a height of some nine to twelve inches. Flowers are beautifully marked with gold and brown, and are produced in such quantities as to completely cover the plant. An ideal subject planted in solid mass effect or for borders, etc. Packet 10c.

French Giant Striped Grandiflora Mixed A splendid selection of the striped Grandiflora class. Flowers vary in color through shades of brown, yellow, etc. Packet 15c.

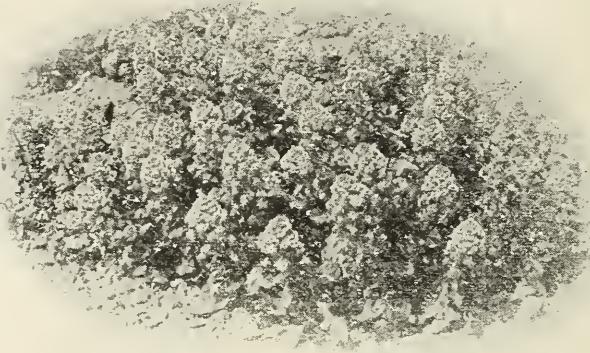
MIGNONETTE

A few plants of these scent the whole garden with their delicate fragrance. Sow in drills, as the seedlings do not transplant readily. Thin the seedlings when one or two inches high to one foot apart. Cover the seed one-eighth of an inch deep with finely sifted soil. Height twelve inches. Packet 10c.

Sweet Scented The old-fashioned variety, very fragrant.

Machet Large flowers with a delicious odor.

Victoria Spikes of crimson flowers.



Mignonette Machet

LUPINS (NEW HARDY HYBRIDS)

The hardiness of various perennial Lupins and their adaptability to so many purposes in garden ornamentation makes them an exceedingly valuable, all-around purpose plant. The flowers are delicately scented and the handsome spikes are produced throughout a long season, usually beginning in early Spring and extending throughout the Summer. Height three feet.

Polyphyllus A splendid mixture containing colors of white, rose, blue, lilac, etc. Packet 15c.

Polyphyllus Rosea (New) A particularly choice new Lupin with handsome spikes of rich pink flowers. Packet 15c.

LYCHINIS

An old garden favorite bearing heads of bright scarlet flowers. Excellent for massing in beds or borders. Absolutely hardy in character, blooming the first year if the seed is sown early. Height two to three feet.

Chalcedonicum A handsome species with bright scarlet flowers. Packet 10c.

MARIGOLD

The various types of Marigolds, including African and French varieties, are old favorite free flowering annuals of easy culture. The African sorts produce giant double flowers three to four inches in diameter. The French types are of more compact growth with double flowers variously blotched and marked, in shades of maroon, brown, yellow, etc. In common with many of our ordinary garden flowers, Marigolds in recent years have undergone a great improvement. The strains we offer in this particular class will be found to produce flowers of exceeding



Myosotis Alpestris

MYOSOTIS (FOR-GET-ME-NOT)

Among the various flowers of early Spring there are few more appreciated than the various types of For-get-me-nots. All the colors are beautiful, from the pale blue of the Dissitiflora type to the deep blue Alpestris and the white and various rose colored shades. A liberal sowing made in Autumn or Winter will produce a large number of plants for blooming the following Spring. Height ten inches. Packets 15c.

Dissitiflora A magnificent pale sky blue For-get-me-not. Very long stems. One of the best for cutting.

Alpestris, Blue A lovely shade of deepest blue.

Alpestris, White A pure white.

Alpestris, Rose A handsome shade of light rose.

NEMESIA STRUMOSA

Blue Gem A dainty dwarf Nemesis bearing masses of deep blue flowers. Our selection of this is a very good one. The plants are compact in habit and fine for Summer bedding. Packet 25c.

NASTURTIUMS

For duration of bloom, ease of culture and brilliancy of their blooms nothing can excel these old-fashioned favorites. The varieties which we offer you are among the best. Packets 10c.

Tom Thumb—Dwarf or Bedding Varieties

Bronze Burnished red.

Crystal Palace Gem Orange yellow, garnet blotches.

Chameleon A charming variety with variously colored flowers on the same plant.

Cloth of Gold Yellow foliage, scarlet flowers.

Empress of India A rich deep crimson.

Golden King Superb golden yellow.

King of Tom Thumb Scarlet with dark foliage.

King Theodore Crimson maroon.

Pearl Creamy white.

Rose Delicate rose.

Vesuvius Rich deep apricot.

Dwarf Mixed Including all of the above varieties in a well balanced mixture.

NASTURTIUMS—TALL OR CLIMBING VARIETIES

Chameleon A charming variety with variously colored flowers on one plant.

Dunnett's Orange Pure rich orange.

Gold Garnet Orange yellow with garnet blotches.

King Theodore Crimson maroon.

Pearl Creamy white.

Prince Henry Pale yellow with carmine blotches.

Rose A splendid selection of this desirable color.

Scarlet An intense brilliant scarlet.

Vesuvius Rich deep apricot.

Ruby Bright ruby red.

Mixed All colors.

PAPAVER NUDICAULE (ICELAND POPPY)

A hardy perennial of delicate and refined beauty and which deserves greater recognition than it ordinarily receives. They succeed well in the colder sections of the country. They thrive in California in a semi-shady location. The plants retain their foliage all winter and come into bloom early in Spring.

Mixed All colors, including white, yellow, orange, red, etc. Packet 15c.

PAPAVER RHOEAS (THE POPPY OF FLANDERS FIELD)

A common field poppy of northern France. A wild flower which will ever serve to commemorate the heroic dead of Flanders Field. Can be sown in the Spring for blooming the following summer. Produces a mass of deep scarlet flowers, handsomely blotched with black at the base of the petals. Price per packet 25c.

PETUNIAS

H. & S. Giant Fringed and Ruffled Mixed Our own mammoth strain of Petunias, the flowers being distinctly frilled and ruffled. Packet 25c.

PHLOX (ANNUAL)

The flowers of annual Phlox may now be had as large as those of the perennial border species with even a better and more varied range of colors. Phlox as a general thing withstands much rough treatment. They will grow and bloom freely under the harshest conditions. In gardens where masses of bloom are desired nothing can equal a good strain of Phlox.

Grandiflora Mixed Contains a wide range of colors. An exceedingly choice strain. Height twelve inches. Packet 15c.

Nana Compacta Fireball The handsomest dwarf bedding Phlox in existence. Deep red. Height eight inches. Packet 15c.

Nana Compacta Snowball Pure white dwarf Phlox. A fine companion to the above. Packet 15c.

POLYANTHUS

These are often referred to as Primroses. They produce immense quantities of brilliantly colored heads of bloom in early Spring. They are particularly suited for shady borders or may be grown as pot plants for interior or window decoration. Height nine to ten inches.

Choice Mixed Containing a well balanced mixture of white, yellow, bronze, red, etc. Packet 25c.

POPPY

Poppy seed should be sown where the plants are intended to flower. It is difficult to transplant them with any degree of success. In the strains which we offer you below you will find not only a wide selection of colors, but the best obtainable in their respective classes.

DOUBLE SHIRLEY POPPIES

One of the most valuable introductions by way of a new strain of annuals to be noted in a long time. The beauty of the well known single type of Shirley Poppy is even accentuated in this wonderful new strain of doubles. It contains a remarkable assortment of colors with beautifully frilled and undulated petals. It is a strain we recommend all of our customers to try for we are certain they will be more than pleased with the result. Packet 25c.

Re-Selected Shirley A superb strain containing all shades of colors from purest white through the various shades of pink, salmon, rose, maize, etc. Scarcely any two of the blooms are alike. Packet 15c.

Carnation Flowered, Mixed Splendid double fringed blossoms. Packet 10c.

Paeony Flowered, Mixed Large double paeony-like flowers, well adapted for planting in beds or borders, etc. Packet 10c.

PORTULACA

A splendid class of hardy annuals delighting in an exposed sunny situation, preferably in soil of a somewhat light character. For parkings, beds, edgings, or rock work Portulacas are admirably adapted. The seed we offer you is selected California grown stock that will give you a high percentage of germination and a splendid assortment of color.

Double Varieties

A fine strain which produces a high percentage of beautiful double blossoms. Yellow, scarlet, white, and mixed. Pkt. 15c.

Single Varieties

Scarlet, yellow, pink, dark rose, and mixed. Packet 15c.



Statice Sinuata

PYRETHRUM AUREUM (GOLDEN FEATHER)

A well known plant extensively used for edging and carpet bedding. The foliage is bright yellow and fern-like in character. Very easily raised from seed. Height six to eight inches. Packet 10c.

RICINUS (CASTOR OIL BEAN)

Splendid tropical effects may be had with the various types of this plant. The foliage is large and growth exceedingly rapid. A plant in full perfection is luxuriant to a degree.

Zanzibariensis Leaves exceedingly large. stems generally red. The best class for ornamental bedding. Packet 10c.

Howard Smith

ROMNEYA COULTERII (MATILJA POPPY)

A majestic perennial plant native to the State of California. Flowers snowy white, six to eight inches in diameter, with a highly contrasting bunch of yellow stamens at the center. Romneyas may easily be raised from seed. The best plan is to sow in the Autumn and prick off the seedlings as soon as they appear in the Spring. Very slow to germinate. Packet 15c.

SCHIZANTHUS

One of the prettiest of half-hardy annuals and amenable to a variety of uses. In a climate similar to that of Southern California it makes an ideal bedding plant planted right out in the open. It can be grown in pots in greenhouses and brought into bloom during Winter and Spring when flowers are exceedingly scarce. A single package of seed will produce a large number of plants and furnish an abundant variety of flowers. The various shades of yellow, apricot, pink, salmon, carmine, rose, mauve, purple, with their various markings and combinations, and the graceful form and wonderful profusion with which the blossoms are borne should recommend them to everyone.

Wisetonensis Undoubtedly one of the finest strains in existence. Highly improved over the ordinary stocks. Packet 15c.

STATICE

Aside from the value of Statices as plants for the border, they furnish an abundance of cut flowers which are of great value for mixing with bouquets. The blooms may also be dried and used in Winter bouquets. They retain their color perfectly in a dry state. They do best in a rather sunny location. Packets 15c.

Sinuata Blue Height eighteen inches.

Sinuata White Height eighteen inches.

Sinuata Mixed White, lavender, blue, etc.

Latifolia Splendid hardy perennial with immense panicles of small lavender blue flowers. An ideal subject for mixing with carnations, roses, etc. Not unlike Gypsophila in general appearance. Height two feet.

Suworowii One of the handsomest of all the Statice family. The flowers are freely produced and are of great value for Winter bouquets.

SCABIOUS

The large size and the varied colors of the blooms, ranging from white to pink, cherry red and blue, etc., render Scabious very desirable for bouquets, etc. Seed sown now in boxes and transplanted to the open ground, will make a bright display during Spring and Summer. Height three to four feet. Packet 15c.

Azure Fairy An exquisite shade of lavender blue.

Black Prince Deep maroon red, almost black.

Double Crimson Rich, bright crimson.

Double White Splendid double white.

Double Flesh Pink A dainty shade of flesh.

Double Rose Deep rich rose.

Double Mixed An assortment of all colors.

STOCKS

No Spring garden can be considered complete without some of these showy annuals. The seeds we offer are saved from our own giant strains and will produce a high percentage of choice double blooms. It should be borne in mind that stock seed is only saved from the single flowers, as the double flowers are absolutely sterile, the result being that there is always a percentage of singles in even strains of the highest quality. As a general thing the large, vigorous plants in the seed beds are the singles; the weaklings usually produce the choice double flowers. The percentage of doubles varies considerably in the different colors, but fully 60 to 70 per cent of fine double blooms may be depended upon from our seed. Height eighteen inches.

Mauve Beauty A lovely new shade of the Nice type of stocks. Of strong branching habit, and produces a very high percentage of double flowers. This stock is the nearest approach to a blue that we know of. Ideal for cut flowers.

Giant Beauty of Nice Type Pink, white, light blue, purple, flesh, carmine, crimson, canary yellow and mixed. Packet 15c.

SUNFLOWERS

Double Chrysanthemum Flowered Large double flowers.
Single Yellow Giant heads. Packet 10c.

SWEET WILLIAM

One of the most highly esteemed of all hardy garden plants. They are not only of easy culture, thriving in any garden soil, but produce a wonderful show of color each succeeding Spring. Although the plants last over two seasons, it is generally advisable to make a fresh sowing each Spring, for blossoming the following year. Height twelve inches. Packet 15c.

Pink Beauty Single. Beautiful pure pink.

Harlequin Unique owing to the fact that it bears a number of different colored blooms on the same plant.

New Annual A new strain bearing large heads of bloom and flowering the same season the seed is sown. It may be depended upon to blossom within some ninety to a hundred and twenty days after sowing.

VALERIAN

Large, showy perennial plants, producing large corymbs of red or white flowers. Particularly valuable for the herbaceous border. They also make good cut flowers. Height two feet.

Rubrum Red. Packet 10c.

Alba White. Packet 10c.

VERONICA SPICATA

An old-fashioned though very little recognized perennial plant of prostrate growth, bearing innumerable spikes of beautiful dark blue flowers, not only useful as a garden plant, but equally valuable as a subject for cut flowers. The spikes of bloom used in conjunction with other flowers in Spring baskets produce an exquisite effect. Easily raised from seed, the plants increasing in beauty season after season. Per packet 15c.

VIOLA PAPILIO

A handsome light blue bedding Viola, a variety which comes nearly true from seed and bears during the autumn, winter and spring months, veritable masses of medium-size flowers. Although this Viola is not as large as many pansies, it more than makes up for its deficiency in this respect by its remarkable production of blooms. From seed sown in July or August, the plants will produce a carpet of flowers from November to May. Per packet 25c.

WALLFLOWERS

New early flowering varieties which can be treated as annuals. If sown early in seed beds, will bloom freely during the coming Summer and Autumn.

Early Paris Market Light brown. Packet 15c.

Golden Gem Bright golden yellow. Packet 15c.

Blood Red Packet 15c.

ZINNIAS

This is one of our leading specialties and without hesitation we recommend it as being one of the very finest strains in the country. We have spent over ten years in the improvement of these Zinnias. Each year selections have been carefully made and at the present time the strain may well be regarded as perfect. Flowers four to five inches in diameter and two to three inches deep are not uncommon on well grown plants. We strongly recommend our Eastern friends to make a trial of our seed and feel certain they will be more than pleased with the results obtained from same. Height three feet. Packet 15c.

H. & S. Prize Scarlet Rich, glowing scarlet.

H. & S. Prize Crimson Bright, rich crimson.

H. & S. Prize Sulphur Yellow A dainty shade of light yellow.

H. & S. Pink Shades Containing shades of rose, salmon and pink.

H. & S. Prize Golden Yellow

ZINNIAS (H & S PRIZE WHITE)

Heretofore nearly all Zinnias in the light color shades were rather muddy in appearance. In our new selection the flowers in the major portion are pure white, although a few creamy ones will sometimes manifest themselves. Price per packet 15c.

Howard & Smith

SWEET PEAS

Do not fail to make a sowing of these superb Spring and Summer blooming Sweet Peas. They will begin to blossom when three or four feet high and furnish a continuous display of flowers from April to July. The seed we offer has been saved exclusively from the very best selected types of Spencer blooms. It is hand-picked, plump, bound to germinate and bound to give you satisfaction.

TEN SUPERB NEW VARIETIES

Latest addition to Sweet Peas by way of color, size and length of stem.

Agricola White overlaid soft lilac.

Afterglow Reddish mauve with violet wings.

Blue Jacket Rich deep blue. One of the very best.

Constance Hinton The best giant pure white.

Duplex Pink A superb selection. Double. Countess of Spencer type. Extra large.

Lady Evelyn Eyre Pale pink, slightly flushed salmon.

Margaret Atlee Warm salmon pink overlaying cream ground. Extra large.

New Margaret Madison Best pale lavender.

Royal Purple Immense flowered, deep rich purple.

Wedgewood Lovely shade of light blue.

Price of any of the foregoing sweet peas, liberal packages. Packet 25c.

SPECIAL OFFER

One package of each of the above superb varieties, ten in all, for \$2.00.



Sweet Peas Arranged with Sprays of Statice Latifolia

TEN SUPERB STANDARD VARIETIES OF SWEET PEAS

America Ivory white, striped crimson.

Countess of Spencer Beautiful clear pink.

Elfrieda Pearson Lovely shade of soft pink.

Florence Nightingale Delicate soft lavender.

Helen Lewis Deep orange rose.

King Edward Superb crimson scarlet.

Mrs. Routzahn Straw, tinted with blush pink.

Mrs. Hugh Dickson Creamy pink.

Nubian Deep chocolate.

Vermillion Brilliant Deep, rich scarlet.

Price of any of the foregoing, packet 15c.

All colors mixed, packet 15c.

SPECIAL OFFER

One of each of the above ten varieties of standard sweet peas for \$1.25.

GLITTERS

A SENSATION NOVELTY IN WINTER FLOWERING SWEET PEAS

This variety is easily one of the most sensational novelties ever offered in the section of winter flowering Sweet Peas. We know of nothing which approaches it in richness of color or size of blooms. It is a variety which is unique in itself, the color is a bright, fiery orange salmon. The flowers are of enormous size, are beautifully waved, usually borne four to the stem. As a cut flower variety, especially for use under artificial light, it is without peer.

While we have sent out many new winter flowering Sweet Peas, and our collection of this particular class is representative of the best types, we can say that this variety is the best of the entire lot. We have only a limited amount of seed to offer this season.

Price per packet, 50c.

FLOWERING SHRUBS, ORNAMENTAL TREES AND HEDGE PLANTS

Our collection of plants comprised under this head is a very large and comprehensive one. We devote many acres of ground to the cultivation of shrubs, and especially those sorts which are of value to California gardens. It is impossible, in the limited space we have at our disposal in this bulletin, to give full descriptions, the subjoined being merely a check list. We will be glad to correspond with those who are interested in this class of plants, giving full details as to size, etc.

Abelia Rupestris An excellent shrub bearing numerous handsome pink flowers. Strong balled plants. Each \$1.00.

Acacia Baileyana Silvery white foliage. Splendid racemes of bright canary yellow flowers. Each 75c.

Acacia Floribunda A very free blooming variety, five to six feet high. Each 75c.

Acacia Cultriformis Handsome bluish green leaves. Five to six feet high. Each \$1.00.

Acacia Linifolia An ornamental variety with long, narrow foliage. Four to five feet high. Each \$1.00.

Acacia Melanoxyton The common black Acacia. Five to six feet high. Each 75c.

Acacia Mollissima A very free blooming variety. Five to six feet high. Each \$1.00.

Astilbe Davidii Feathery plumes of pure white flowers. A splendid hardy plant from China. Each \$1.00.

Berberis Darwinii A handsome barberry with handsome orange-colored flowers. Each \$1.50.

Berberis Illicifolia A distinct and beautiful species with deeply-notched leaves. Each \$1.50.

Berberis Thunbergii A deciduous barberry. Foliage exceedingly handsome during Autumn. Each \$1.50.

Buddelia Veitchiana With handsome spikes of deliciously scented flowers. Three-inch pot plants. Each 50c.

Buxus Sempervirens Evergreen boxwood for hedges. Dozen \$1.50; per 100 \$10.00.

Callistemon Lanceolatus Rich crimson flowers. Each \$1.00.

Callistemon Luteus Bright scarlet flowers. Each \$1.00.

Callistemon Salignus With handsome willow-like foliage.

Callistemon Speciosus Heavy foliage and bright scarlet flowers. Each \$1.00.

Callistemon Coccinea Bright red flowers. Each \$1.00.

Carpinteria Californica One of the finest of our native shrubs with handsome white flowers. Each \$1.00.

Carissa Carandas With handsome foliage and jasmine-like scented blooms. Balled plants. Each \$1.00.

Ceanothus Azureus Covered in Spring with spikes of pale blue flowers. Balled plants. Each \$1.00.

Cestrum Aurantiacum Bears large umbels of deep orange-colored flowers. Balled plants. Each \$1.00.

Chamaecerasus Nitida A splendid hedge plant from China. Five-inch pot plants. Each 50c.

Coprosma Bauerii Splendid for covering banks. Color deep lustrous green. Strong balled plants. Each \$1.00.

Cotoneaster Augustifolia Bears masses of golden yellow berries. Five-inch pot plants. Each 50c. Large balled plants. Large balled plants. Each \$1.50.

Cotoneaster Buxifolia A splendid cover plant for banks. Small dark green foliage. Balled plants. Each \$1.50.

Cotoneaster Panosa Covered during Winter with bright vermillion berries. Excellent for shrubbery borders. Balled plants. Each \$1.50.

Crataegus Pyracantha Bears dense masses of beautiful scarlet flowers. Each \$1.00.

Crataegus Yunnanensis A new variety from China with handsome crimson berries. Small plants. Each 35c. Balled plants. Each \$1.50.

Erica Mediterranea A dainty heather. Blossoms rose color. Pot plants. Each 50c. Balled plants. Each \$1.00.

Erythrina Crista-Galli Bears large numbers of bright scarlet pea-shaped flowers. Five-inch pot plants. Each 75c.

Escallonia Montevidensis Handsome foliage. Bears masses of pure white, sweetly-scented flowers. Balled plants. Each \$1.50.

Euonymus Golden Excellent for hedge work. Foliage dark green with gold variegations. Each 75c.

Euonymus Japonica Aurea Gold and green. One of the best. Each 75c.

Euonymus Silver Variegated Foliage beautifully marbled silvery white. Each \$1.00.

Euonymus Myrtifolia An excellent hedge plant. Two-inch pots. Each 15c. Three-inch pots. Each 35c.

Eucalyptus Ficifolia The well known scarlet flowered form. Fine pot-grown specimens. Each \$1.00.

Eupatorium Serotinum With feathery white flowers. Excellent for bouquet work. Each 35c.

Genista Canariensis Bears myriads of small golden-yellow pea-shaped blossoms. Each 75c.

Genista Hispanica With large golden-yellow pea-shaped flowers. Each 75c.

Ginkgo Biloba The well known Maiden Hair tree. All sizes from \$1.00 to \$5.00 each.

Guava (Strawberry) Splendid for its fruit or for use as a hedge plant. Three-inch pot plants. Each 35c. Balled plants. Each \$1.00.

Hibiscus Double Crimson Five-inch pot plants. Each 50c. Balled plants. Each \$1.50.

Hibiscus Peachblow Beautiful rose-colored flowers with shadings of salmon. Each \$1.50.

Hibiscus Single Buff with Crimson Eye Extra choice. Each \$1.50.

Hibiscus Yellow with Crimson Eye A handsome shade of pure yellow. Each \$1.50.

Hydrangea Arborescens Grandiflora Bears numerous heads of snow-white flowers. Strong four-inch pot plants. Each 50c.

Hypericum Moserianum A handsome sort with bright golden flowers, two to three inches across. Each \$1.00.

Hypericum Patulum var. Henryii A recently introduced Hypericum with handsome golden yellow flowers. Each \$1.50.

Hypericum Tricolor Moserianum A handsome dwarf variegated form. Flowers bright yellow. Each \$1.00.

Jacaranda Mimosaeifolia Bears masses of dark blue flowers. Elegant fern-like foliage. One of the handsomest of all ornamental trees. Plants four to five feet high. Each \$1.00.

Laurestinus A desirable hedge plant. Bears masses of white flowers. Pot plants. Each 35c. Balled plants. Each \$1.00.

Lagunaria Pattersonii A handsome tree bearing Abutilon-like blooms, delicate pink in color. Five-inch pot plants. Each 75c.

Lagerstromia Indica (Crepe Myrtle) Covered with handsome racemes of beautiful pink flowers during Summer. Plants according to size from \$1.00 to \$1.50.

Lagerstromia Crimson Similar to the preceding with deep rosy crimson flowers. Four to five feet high. Each \$1.50.

Lagerstromia White A pure white variety. Each \$1.00.

Leptospermum Levigatum—Densely foliated weeping branches. Covered with minute white flowers during Spring. Each \$1.00.

Magnolia Grandiflora Immense pure white flowers. Very fragrant. Five-inch pot plants. Each 75c.

Mahonia Aquifolia A splendid ornamental foliage plant, with yellow blossoms. Balled plants. Each \$1.50.

Mahonia Fortunei With elegant narrow green foliage and exquisite yellow flowers. Balled plants. Each \$1.50.

Melaleuca Hypericifolia One of the Bottle Brush family. Flowers brilliant scarlet. Five-inch pot plants. Each 75c.

Myrtus Communis (Myrtle) A handsome hardy evergreen plant. Bears masses of pure white, fragrant flowers. Each \$1.00.

Myrtus Communis Microphylla A handsome small leaved form. Each \$1.00.

Nandina Domestica An elegant, dwarf, Japanese shrub. Leaves copper colored during Autumn and Winter. Each \$1.00.

Oleanders Assorted colors, double and single. Five-inch pot plants. Each 50c. Balled plants. Each \$1.50.

Philadelphus Bouquet Blanc (New) Magnificent double white flowers. Each \$1.00.

Philadelphus Couquette (New.) Large flowered white variety. Each \$1.00.

Philadelphus Purpurea Maculatus Pure white with rosy purple spots. Each \$1.00.

Philadelphus Rosace Handsome double white flowers. Each \$1.00.

Philadelphus Virginale A superb snow-white variety. Each \$1.00.

Pittosporum Crassifolium Handsome thick leathery foliage. A splendid shrub. Balled plants. Each \$1.00.

Pittosporum Eugenoides Bears quantities of fragrant greenish-white flowers. Each \$1.00.

Pittosporum Undulatum With very distinct and handsome foliage. Each \$1.50.

Platanus Occidentalis One of the grandest of all shade trees. Commonly known as the Western Sycamore. Strong trees, six to seven feet high. Each \$1.50.

Poinsettia (Single Scarlet) The well known and universally admired Christmas flower. Strong box plants. Each \$1.00.

Ligustrum Nepalense (Privet.) An excellent hedge plant bearing numerous spikes of fragrant white flowers. Young plants for lining out. Each 10c; per dozen 75c; per 10 \$6.00. Larger specimens, prices on application.

Prunus Pissardii An ornamental foliage plum. Foliage dark bronze. Four to five feet, bushy. Each \$1.50.

Prunus Illicifolia The native, evergreen wild plum. A very satisfactory shrub for California gardens. Three-inch pots, 35c; six-inch pots, 75c.

CHOICE CONIFERS

Araucaria Bidwillii One of the handsomest of the Pine family. All sizes, priced according to height. Per ft., \$1.50.

Cedrus Deodara A magnificent cedar, native of the Western Himalayas. All sizes, from \$1.00 each for small plants, up to \$35.00 each for specimens.

Cryptomeria Elegans A native of Japan, and a handsome ornamental tree. Pot plants, each 50c; balled plants from \$2.00 to \$10.00.

Libocedrus Decurrens One of the handsomest of our native California plants. Foliage dark rich green in color. Plants two to three feet high, each \$1.00; specimen sizes to \$15.00.

Prunus Illicifolia var. Integrifolia The Catalina Island type of the foregoing, with large glossy green foliage. Strong pot plants, 50c; larger size, \$1.00.

Pomegranate Andre Leroy An ornamental flowering Pomegranate producing large, double orange-colored blossoms. Strong, field grown stock. Each \$1.50.

Quercus Agrifolia (Native Live Oak) One of the handsomest of our native trees. Pot plants, each 50c; larger size, \$1.00.

Quercus Suber The famous cork oak of Southern Europe. Six-inch pot plants, each 75c; field specimens up to \$15.00.

Serissa Foetida A handsome variegated shrub. Bears immense quantities of small white flowers. Five-inch pot plants, each 50c; balled plants from field, \$1.50.

Schinus Molle The well known California Pepper Tree. Strong plants in pots, 3 feet high, each 50c; 4 to 5 ft. high, 75c.

Viburnum Nitidum An elegant shrub with fine glossy green foliage and white flowers. Balled plants, each \$1.50.

Veronica Andersonii A handsome shrub with olive-like leaves and spikes of pale blue flowers. Each \$1.00.

Veronica Cupressoides A handsome variety with cypress-like leaves. Each \$1.00.

Veronica Glaucophylla A fine dwarf variety with blue leaves and white flowers. Each \$1.00.

Veronica Lobeloides Large spikes of pure blue flowers. Each \$1.00.

Veronica Imperialis With crimson-carmine flowers. Extra fine. Each \$1.00.

Veronica Microphylla A dainty foliage variety. Flowers pure white. Each \$1.00.

Veronica Salicifolia Bears numerous quantities of pure white flowers. Each \$1.00.

Veronica Traversi A densely foliated variety. Each \$1.00.

Veronica Variegata Foliage dark green, beautifully marbled with white. Each \$1.00.

NOTE—We can supply small plants of all of the above Veronicas at proportionately reduced prices.

Weigelia Candida A handsome pure white flowering shrub. Each \$1.00.

Weigelia Eva Rathke A continuous bloomer with deep, rich carmine flowers. Each \$1.00.

Weigelia Hortensis Flowers pure white, extra large. Each \$1.00.

PALMS

We grow immense quantities of all of the best varieties. Our stock of Kentias, Cocos, etc., run into the thousands.

Chamaerops Excelsa The Windmill Palm. Very hardy. Handsome fan-shaped leaves. Strong boxed specimens, each \$2.50.

Cocos Plumosus One of the most graceful of all Palms, with handsome ostrich plume-like fronds. Three to four feet, \$2.50; five to six feet, \$5.00; larger sizes, prices on application.

Cocos Australis A magnificent hardy Palm with bluish-green foliage, gracefully reflexed. According to size from \$1.50 to \$15.00.

Kentia Balmoreana A handsome house Palm. Leaves gracefully arched. Four-inch pots, each \$1.50. Also a full stock of larger sizes. Prices on application.

Kentia Fosteriana Similar to the preceding but with erect stems and wider pinnae. Four-inch pots, each \$1.50; larger sizes, prices on application.

Phoenix Canariensis The so-called Date Palm. According to size from \$1.50 up to \$7.50.

Phoenix Roebelenii One of the handsomest of all Palms for interior decorations. A miniature Date Palm. Fine specimens, each \$3.50; larger specimens \$5.00.

Howard Smith

ORNAMENTAL GRASSES

Arundo Donax Variegata The giant striped Reed, not unlike Bamboo. Broad foliage, green banded with white. Strong divisions. Each 75c.

Bamboo Dendrocalamus Latifolius An erect stemmed giant Bamboo. Canes four inches in diameter, reaching a height of forty feet. Strong divisions, Each \$2.50; extra large divisions, \$5.00.

Bamboo Simonii Leaves handsomely variegated green and white. Each \$1.50.

Bamboo Aurea Variegata Grows some ten feet high. Stems beautifully variegated green and yellow. Strong divisions, each \$1.50.

Carex Japonica A dainty hardy grass from Japan. Fine for basket work. Each 25c; per dozen \$2.50.

Cyperus Alternifolius (Umbrella Grass) Highly ornamental for growing in water. Handsome for interior decoration. Each 35c.

Cyperus Alternifolius Laxus A miniature form of preceding. Very graceful. Each 35c.

Erianthus Ravennae A densely tufted grass with handsome plumes. Attains a height of five to six feet. Each 50c.

Eulalia Univittata Graceful, rush-like foliage with feathery heads. Each 50c.

Eulalia Sinensis Similar to the preceding but with wider leaves. Each 50c.

Festuca Glauca A dainty dwarf grass, foliage of a bluish-cast. Fine for edging. Each 20c; per dozen \$2.00.

Gynoerium Argenteum (Pampas Grass). The well-known Pampas Grass of South America. Bears beautiful silvery-white plumes. Strong clumps. Each \$1.00.

Panicum Variegatum A dwarf creeping grass with handsome variegated green and white foliage. Excellent for hanging baskets. Each 25c. Per dozen \$2.50.

Pennisetum Cupreum An elegant form of the well-known crimson fountain grass. Very handsome. Strong divisions. Each 35c. Per dozen \$3.50.

Pennisetum Japonicum With narrow bluish-green foliage. Spikes or inflorescence, a delicate shade of pink. Strong divisions. Each 35c; per dozen \$3.50.

CHOICE FERNS

Adiantum O'Brienii An exquisite hardy specimen for outdoor planting. One of the finest of the Maiden Hairs. Strong pot plants, each 50c; per dozen \$5.00.

Alsophila Australis A rapid growing tree fern, fronds lace-like in appearance. Plants reach a diameter of ten feet or over. Fine balled plants, each \$2.50.

Nephrolepis Bostonii The well-known Boston fern, and one of the best of all for indoor work. Fine plants in pots from \$1.00 to \$3.50, according to size.

Nephrolepis Exaltata The old-fashioned sword fern, suitable for planting in shady rockeries, ferneries, etc. 50c to \$1.00 each, according to size.

Nephrolepis Marshallii A beautiful sword fern, the pinnae quite fine, the whole plant lace-like in form. Splendid for indoor decoration. Strong plants in five-inch pots, each \$1.00.

Nephrolepis Norwood A new dwarf variety of the ostrich plume type. Exceedingly graceful. Strong plants in five-inch pots, each \$1.25.

Whitmanii One of the most popular of the ostrich plume type of ferns. A sport from the well-known Boston. Splendid specimens from \$1.25 to \$5.00, according to size.

Pteris Cretica Alba Lineata A handsome variegated hardy fern. Strong pot plants, each 35c; per dozen \$3.50.

Pteris Tremula The well-known Irish brake fern. Attains a height of three to four feet and over, each 50c; dozen, \$5.00.

NOTE—In addition to the varieties above described we have in stock and can supply many other of the various specimens of *Adiantum*, *Woodwardias*, etc. Varieties and prices on application.

A ROW OF Bamboos
AT OUR NURSERIES



 PLEASE USE THIS ORDER SHEET

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Montebello**

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Box 484, Station C

Howard & Smith

**NURSERYMEN, FLORISTS
LANDSCAPE ARCHITECTS**

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Olive St. at Ninth

Los Angeles
California

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We do not warrant in any way, expressed or implied, the contents or description, quality or productiveness, or any other matter of any seeds, bulbs, plants or trees, sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on above terms no sale is made thereof, and he must return them at once, and money will be refunded. Subject to above conditions we make sale.

MAKE ALL MONEY AND EXPRESS ORDERS PAYABLE AT LOS ANGELES

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